# 26769

# REMEDIAL SITE ASSESSMENT DECISION - EPA REGION IV

Site Name: OLD CHERRY GROVE LANDFILL	EPA ID#: <u>SCD987597432</u>
Alias Site Names:	: !
City: LITTLE RIVER Cou	nty or Parish: HORRY State: SC
Refer to Report Dated: 3/30/95	Report type: SI
Report developed by: SCDHEC	
DECISION:	
XX  1. Further Remedial Site Assessment unde	er CERCLA (Superfund) is <u>not</u> required because:
XX  1a. Site does not qualify for further site assessment under CERCLA (Site Evaluation Accomplished - S	remedial     1b. Site may qualify for further     RCRA action, but is deferred to:   NRC
2. Further Assessment Needed Under CERO	CLA: 2a. (optional) Priority:     Higher     Lower
2b. Activity     PA	ESI HRS evaluation
Other:	
	ILE USED IN THE LATE 60'S AND EARLY 70'S FOR D LOW WASTE CONCENTRATIONS AND MINIMAL P. 4/14/95
Report Reviewed and Approved by: _EARL BOZEMAN Signatu	re: Jail Brunun Date: 4/14/95
Site Decision  Made by: EARL BOZEMAN Signatu	40B

OLD CHERRY GROVE LANDFILL SITE INVESTIGATION HORRY COUNTY SCD 987 597 432

NFRAP 4/14/95 July Brown

Completed By: Greg George W Reviewed By: Robert Cole Site Screening Section Bureau of Solid & Hazardous Waste Management South Carolina Department of Health & Environmental Control 2600 Bull Street Columbia, SC 29202

Date Completed: March 30, 1995

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### I. SCOPE OF WORK

Under authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA), the Site Screening Section, SCDHEC conducted a Site Investigation (SI) at the Old Cherry Grove Landfill in Horry County, South Carolina. The purpose of this investigation is to determine the need for additional CERCLA/SARA or other appropriate action. The scope of the investigation included a review of available file information, a site reconnaissance and sampling trip, and a thorough target survey.

### II. INTRODUCTION/EXECUTIVE SUMMARY

The Old Cherry Grove Landfill site is located in Little River, South Carolina in Horry County. The site is presently owned by International Paper, and is no longer active. Old Cherry Grove Landfill was used for four years during the 1960's and 1970's as a municipal landfill by the Town of Cherry Grove.

The site is characterized as a waste pile approximately 17 acres in size. The landfill is unlined and a daily cover was not maintained during operation. A one time soil cover was applied to the landfill at the time of closure. The soil cover has since eroded, exposing landfill materials, i.e. household, municipal wastes. Run-off from the site flows into a low-lying boggy area containing wetland vegetation. No surface water intakes are located within the surface water pathway. The wetlands area was dry during the site reconnaissance and sampling trip and is not capable of supporting a fishery. Sediment samples collected during this investigation revealed no contamination attributable to the site in the boggy area.

Groundwater is used for public drinking water supply within four miles of the site. Scattered private groundwater wells are located throughout the four mile site radius. The potential for a release to groundwater exists due to the lack of a liner and the depth to groundwater (less than five feet). No groundwater samples were collected for the purposes of this investigation.

The population within four miles of the site consists of the Town of Cherry Grove and rural dwellings. There are no residences located on the former landfill and no schools or day care facilities are within 200 feet of the site.

The Old Cherry Grove Landfill site is given a "low" priority for further Federal action due to the low levels of wastes detected on-site, and the overall lack of targets. SCDHEC has conducted previous investigations at the site under the Enforcement and Solid Waste Permitting Sections. A closure plan was completed for SCDHEC; however, no remedial or removal action is planned at this time. The site will be assessed under the State Superfund Program to determine the need for any further remedial action.

# III. SITE DESCRIPTION, HISTORY, AND WASTE CHARACTERISTICS

# A. Ownership History

<u>Date</u>	<u>Owner</u>	Land Use
1960 - 1985 1986 - 1990 1990 to Present	International Paper CRE Investors International Paper	City Dump (four yrs.) Land Development None
Contact:	Alvis Whitloo International (901) 763-6	Paper
		(Ref. 12)

# B. Site Location and Description

Old Cherry Grove Landfill is located just over three miles northwest of Cherry Grove in Horry County, South Carolina. It is located one mile west of South Carolina State Highway 9. The site is located in a rural setting among woodlands and is adjacent to a low-lying, boggy area. A few individual dwellings and farm land surround the landfill. The site coordinates are 33 degrees 51 minutes 56.1 seconds north latitude, and 78 degrees 40 minutes 56.2 seconds west longitude (Ref. 1, 18).

The total area of the property is 413 acres. The landfill is located on approximately 17 acres of the 413 acre parcel (Ref. 19). The landfill was a municipal landfill without a maintained daily cover. Scatter debris (cans, bottles, and other municipal waste) is visible on the surface and along the edge that slopes down into the boggy area (Ref. 18). The property is not surrounded by a maintained fence (Ref. 20). The topography is generally flat with a slight slope westward through the bog and towards the Waccamaw River (Ref. 1).

# C. Site History and Waste Characteristics

The facility was in operation for a four year period between the early 1960's until solid waste disposal regulations came into effect in 1972 (Ref. 18, 21). The site was used for city/municipal waste disposal. Municipal garbage from the Town of Cherry Grove was disposed of at the site. The landfill did not maintain a daily cover and had no liner. A one time cover was applied to the landfill at the time of closure, but has since eroded in some areas exposing household/municipal debris (Ref. 12, 20). Additional household wastes have been deposited at the site by unknown parties. For the purposes of this report, the site will be considered a 17 acre waste pile. The volume of the waste pile is estimated at 275,000 cubic yards (Ref. 18, 20). During the time of operation, the site was owned by International Paper. International Paper never utilized the site as a landfill. There are no major industries located near

the site (Ref. 1, 18). Three on-site soil samples were collected during the SI. Low levels of a few metals and organic compounds were detected in all three of the samples - see Table I (Ref. 4).

Table I: Parameters detected at or above three times background levels. (Results in PPM)										
Parameter	r CG-001-SS CG-008-SS* CG-002-SS CG-003-SS CG-004-SS									
Aluminum	780	1000	1000	1600	5200					
Barium	5.1	4.8	2.5	5.6	36					
Copper	0.95	1.1	1.5	4	1.9					
Lead	5.1	5	4.2	5.6	84					
Magnesium	24	34	17	72	190					
Manganese	11	2	1.3	7.2	140					
Vanadium	0.93J	1.3	2.7	4.9	6.3					
Zinc	2U	3U	3U	10	330					
PCB-1242	.150	.600	.038U	.039U	.160					
PCB-1260	.036U	.037U	.038U	.130	.040U					
Bis(2-ehtylhexyl) Phthalate	1.300U	.620U	3.2	2.200U	2.700U					

<sup>\* -</sup> Duplicate of CG-001-SS.

(Ref. 4)

SCDHEC has completed previous investigations at the site under the Enforcement and Solid Waste Permitting Sections. A closure plan was completed for SCDHEC by Engineering Tectonics. SCDHEC would not approve of the plan without a consent order from the owners (CRE Investors). The previous owners did not sign the consent order and no further work was done on the site (Ref. 20). International Paper purchased the site back from CRE Investors in 1990 and is currently undecided on future land use (Ref. 12).

# IV. GROUNDWATER PATHWAY

# A. Regional Hydrogeology

The following geologic units underlie the site (Ref. 3):

Table II: Regional Hydrology at Old Cherry Grove Landfill.							
Name of Description Hydraulic Depth of Conductivity Occurrence							
Canepatch	Sand, sandy clay, and shelly sand	10 <sup>-4</sup> cm/sec	0-40 Ft.				
Pee Dee	Clay with sand and silty sand	10 <sup>-6</sup> cm/sec	40-315 Ft.				
Black Creek	Sand interbedded with clay	10 <sup>-4</sup> cm/sec	315 Ft. +				

(Ref. 3)

Regional hydrogeologic data indicates that the Pee Dee Formation contains a confining unit that exists within a two-mile radius of the site. The confining unit likely restricts the downward vertical migration of groundwater to the principal drinking-water aquifer located in the Black Creek Formation. The referenced facility is not located in an area of karst topography. Based on water levels in 11 on-site wells, the depth to groundwater ranges between 1 and 4 feet below ground surface. The predominant shallow groundwater flow direction beneath the southeastern portion of the landfill appears to be to the southeast towards a small pond. The predominant shallow groundwater flow direction beneath the remaining portions of the landfill appears to be to the southwest towards a wetlands area (Ref. 3). The net precipitation for this area of South Carolina is between 5 and 15 inches per year (Ref. 8).

# B. <u>Groundwater Targets</u>

A well inventory within the four-mile site radius indicates the following uses of groundwater: irrigation, industrial, domestic, and public water supply (Ref. 3).

According to USGS topographic maps, the total groundwater population within four miles of the site is 2,691 people (Ref. 1). This number was generated by counting the number of residences within each radii not on public water supply, and

multiplying by 2.52 people per household for Horry County (Ref. 6). The main source of drinking water within four miles of the site is surface water. The City of North Myrtle Beach uses a blended system composed of 92% surface water and 8% groundwater. The groundwater wells used in the blended system are found within the three to four mile radii (Ref. 1, 17). The North Myrtle Beach system services 13,010 taps (Ref. 17). The nearest resident relying on a private drinking water well is estimated to be 500 feet southeast of the site (Ref. 1). Table III contains the breakdown of the groundwater drinking population in Horry County for both public and private wells (Ref. 1, 6).

Table III: Groundwater Use Within Four Miles of Old Cherry Grove Landfill.						
	PUBLIC S	PUBLIC SUPPLY				
RADII (miles)	Population	Taps	Population			
0 - 1/4	8	0	0			
> 1/4 - 1/2	8	0	0			
> ½ - 1	50	0	0			
> 1 - 2	166	0	0			
> 2 - 3	232	0	0			
> 3 - 4	164	1,041*	2,623			
TOTAL:	628	1,041	2,623			

<sup>\* -</sup> Number of taps derived by multiplying 13,010 taps by .08 (the percentage of groundwater used in the blended system).

(Ref. 1, 6, 14)

# C. <u>Analytical Results</u>

A release to groundwater is possible due to the lack of containment and the fact that the waste pile is located within or near the water table (Ref. 3, 20). On-site monitoring wells were sampled in 1991 by Engineering Tectonics, P.A. The samples were tested for BOD, TOC, COD, total organic halogen, petroleum hydrocarbons, and total iron. The groundwater sampling results indicated elevated levels of these parameters (Ref. 20). No groundwater samples were collected for the purposes of this report due to the overall lack of groundwater targets near the site (Ref. 1, 11).

### V. SURFACE WATER PATHWAY

# A. Regional Characteristics

Based on topographic maps and physical observation, overland drainage from the site flows westward towards a low-lying, boggy area. The boggy area contains several shallow drainage channels that meander throughout the bog. The dimensions of the bog are approximately 0.5 miles by 0.25 miles. Elevated, earthen roads surround the boggy area preventing continued overland drainage (Ref. 1, 12).

Old Cherry Grove Landfill is located within the 100 year flood plain (Ref. 10). The 2 year-24 hour rainfall value is 4.25 inches for the center of Horry County (Ref. 7).

# B. Surface Water Targets

There are no drinking water intakes located within the surface water pathway (Ref. 2). The boggy area is not capable of supporting a fishery and was completely dry during the site reconnaissance and sampling trip (Ref. 12). According to the topographic maps, the entire bog is delineated as wetlands (Ref. 1). There are no state or Federally endangered species within the surface water pathway (Ref. 2).

### C. Analytical Results

Three sediment samples were collected from the boggy area west of the site (CG-005-SD, CG-006-SD, and CG-007-SD). The samples were collected at approximately 100 foot intervals 20 feet from the edge of the landfill (Ref. 12). The following table contains the analytical results from the three sediment samples taken from the boggy area (Ref. 4).

Table IV: Parameters detected at or above three times background* levels. (Results in PPM)									
Parameter	Parameter CG-005-SD CG-006-SD CG-007-SD								
Aluminum	1400	6500	13000						
Barium	12	35	83						
Copper	8.8	6.1	13						
Lead	7.6	17	32						
Magnesium	130	590	730						
Manganese	40	58	210						
Vanadium	2.6	6.9	14						
Zinc	46	26	180						
PCB-1242	.055U	.110	.830						

<sup>\* -</sup> Samples CG-001-SS and CG-008-SS used as background samples.

(Ref. 4)

Elevated metals are likely the result of different soil types. Soils collected from the bog were siltier and darker in color than the on-site and background soil samples. The boggy area is downgradient of the site, thus there is no background sample with which to compare the results (Ref 1, 12). Metals detected above three times soil background levels are within naturally occurring ranges (Ref. 14). PCB-1254 was detected in the duplicate background soil sample at .600 ppm (Ref. 4). All PCBs detected on and around the site are below established EPA cleanup levels (Ref. 15). Various semi-volatile organic compounds were detected at estimated (J) levels in sample CG-007-SD. None of the estimated levels exceeded 1 ppm and are not attributable to the site (Ref. 4, 12).

#### VI. SOIL AND AIR PATHWAYS

The Old Cherry Grove Landfill site is not surrounded by a fence and is accessible from all directions (Ref. 12). The site may be used for recreational purposes (i.e., hunting, camping, etc); however, no evidence of such activities was found during the site reconnaissance or sampling trip (Ref. 12). There are no private residences or workers on the property (Ref. 1, 12). The site is currently inactive and no waste activities are occurring on-site (Ref. 12). Population figures for the four mile

radius were estimated using 1990 U.S. census data (Ref. 6). Table V contains the population estimates for each radius.

Table V: Population Estimates within Four Miles of the Old Cherry Grove Landfill Site.						
Radius (Miles) Population						
On-site	0					
0 - 1/4	24					
1/4 - 1/2 118						
½ - 1 540						
1 - 2 1962						
2 - 3 3684						
3 - 4	5683					

(Ref. 1, 6, 16)

There are no state or Federally endangered species located within four miles of the site (Ref. 16). There are large areas of wetland vegetation within the four mile site radius (Ref. 1). On-site soil samples contained slightly elevated levels of various metals and PCBs. See Table I for selected soil sample results (Ref. 4). The metals were within naturally occurring levels and the PCBs were below EPA cleanup levels (Ref. 14, 15).

# VII. CONCLUSION AND RECOMMENDATIONS

The Old Cherry Grove Landfill site is given a "low" priority for further Federal action due to the low levels of wastes detected on-site, and the overall lack of targets. SCDHEC has conducted previous investigations at the site under the Enforcement and Solid Waste Permitting Sections. A closure plan was completed for SCDHEC by Engineering Tectonics. SCDHEC would not approve of the plan without a consent order from the owners (CRE Investors). The owners did not sign a consent order and the property was transferred back to International Paper. No remedial or removal action is planned at this time. The site will be assessed under the State Superfund Program to determine the need for any further remedial action.

# VIII. REFERENCES

1. USGS Topographic Maps, 7.5 minute series (Including waterline maps).

Hand, SC	1947
Wampee, SC	1947
Little River, SC	1984
Longs, SC, NC	1947

- 2. South Carolina Heritage Trust, endangered species and well location printout detailing surface water uses, and endangered species near the Old Cherry Grove Landfill site. December 17, 1993. Copy attached.
- Feagin, Marion, SCDHEC, memorandum to Greg George, SCDHEC. The Old Cherry Grove Landfill site Hydrogeologic Review. January 3, 1993. Copy attached.
- 4. Sampling results from the August 24, 1994 sampling trip to the Old Cherry Grove Landfill site. Released from EPA October 8, 1994. Copies attached.
- 5. South Carolina Water Resources Commission, South Carolina Rivers Assessment. September 1988.
- 6. United States Bureau of the Census. Housing Units by Occupancy Status, Total Population and Persons Per Household, 1990.
- 7. South Carolina Water Resources Commission, State Climatologist Rainfall Figures by County. Statistical 2-year, 24-hour rainfall for Horry County.
- 8. U.S. EPA, Hazardous Ranking System; Final Rule, 40 CFR Part 300. December 14, 1990.
- SCDHEC, BSHWM. Printout of RCRA Listed Facilities. August, 1993.
   Available in Site Screening Section, BSHWM.
- 10. National Flood Insurance Program, Flood Insurance Rate Map. Horry County, South Carolina. Map panel 375 of 375. September 30, 1988.
- 11. Greg George, SCDHEC, Sampling Plan for Old Cherry Grove Landfill. August 24, 1994. Copy attached.
- 12. Greg George, SCDHEC, Trip Report for Old Cherry Grove Landfill. September 24, 1994. Copy attached.

- 13. Greg George, SCDHEC, record of communication to Old Cherry Grove Landfill file. Dated December 21, 1993. Copy attached
- 14. U.S. Department of Health & Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry (ATSDR) Toxicological Profiles for TCL metals. Copies available at SCDHEC, BSHWM.
- 15. Superfund Week. Vol. 7 No. 22. Pg. 6. <u>Anchorage has Lead and PCBs</u>. June 4, 1993.
- 16. Patrick Horton, SCDHEC, population estimates around the Old Cherry Grove Landfill site.
- 17. SCDHEC, Bureau of Drinking Water Protection, inventory of public water supply systems, Horry County. November 30, 1992.
- 18. Engineering Tectonics, P.A., Report of Investigations, CRE Landfill Site. Dated June, 1990. Copy available at SCDHEC, Columbia, South Carolina.
- 19. Richard Bonds, SCDHEC, memorandum on CRE Landfill meeting. Dated June 19, 1991. Copy attached.
- 20. Engineering Tectonics, P.A., Closure and Post Closure Plan, CRE Landfill Site. Dated October 4, 1990. Copy available at SCDHEC, Columbia, South Carolina.
- 21. Barry Nelson, SCDHEC, letter to April Grunsky. Dated October 29, 1990. Copy attached.

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ILEX AMELANCHIER

# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE ENDANGERED SPECIES FOUND WITHIN 4 MILES AND BETWEEN LATITUDE 33-52-00 TO 33-53-30 AND LONGITUDE 78-41-15 TO 78-52-30

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. HERITAGE TRUST FOUNDATION (01/92).

COMMON NAME SCIENTIFIC NAME	STATUS	LONGITUDE LATITUDE	DISTANCE FROM SITE	GRANK SRANK	DATE ADDED	TOPO MAP / COUNTY WHERE THE SPECIES IS LOCAT	
DWARF BULRUSH HEMICARPHA MICRANTHA	SL	78-44-34 33-53-02	0.00 Miles UNK	G4 S2	06/22/85	LONGS Horry	• /
DWARF BULRUSH HEMICARPHA MICRANTHA	SL	78-45-27 33-52-40	0.00 Miles UNK	G4 S2	06/22/85	HAMMOND Horry	1
HARPER'S FIMBRISTYLIS FIMBRISTYLIS PERPUSILLA	NC/CU	78-45-27 33-52-40	0.00 Miles UNK	G2 S2	06/22/85	HAMMOND Horry	
PLYMOUTH GENTIAN SABATIA KENNEDYANA	RC	78-44-34 33-53-02	0.00 Miles UNK	G3 S1	06/22/85	LONGS Horry	
SHORTLEAF SNEEZEWEED HELENIUM BREVIFOLIUM	RC	78-44-00 33-53-28	0.00 Miles UNK	G4 S1	06/22/85	LONGS Horry	
BURHEAD ECHINODORUS TENELLUS VAR PARVULUS	SL	78-49-06 33-53-12	0.00 Miles UNK	G3T2 S2	05/08/85	HAMMOND Horry	·
PLYMOUTH GENTIAN SABATIA KENNEDYANA	RC	78-43-20 33-52-50	0.00 Miles UNK	G3 S1	06/22/85	LONGS Horry	.1.
DWARF BULRUSH HEMICARPHA MICRANTHA	SL	78-43-20 33-52-50	0.00 Miles UNK	G4 S2	06/22/85	LONGS Horry	
HARPER'S FIMBRISTYLIS FIMBRISTYLIS PERPUSILLA	NC/CU	78-43-20 33-52-50	0.00 Miles UNK	G2 S2	06/22/85	LONGS Horry	*
PLYMOUTH GENTIAN SABATIA KENNEDYANA	RC	78-45-27 33 <b>-</b> 52-40	0.00 Miles UNK	G3 S1	06/22/85	HAMMOND Horry	E.
SARVIS HOLLY	UN	78-47-27	0.00 Miles UNK	G3G4	05/07/85	HAMMOND	الم

33-52-55

s3

Horry

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# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE ENDANGERED SPECIES FOUND WITHIN 4 MILES AND BETWEEN LATITUDE 33-52-00 TO 33-53-30 AND LONGITUDE 78-41-15 TO 78-52-30 THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. HERITAGE TRUST FOUNDATION (01/92).

COMMON NAME SCIENTIFIC NAME	STATUS	LONGITUDE LATITUDE	DISTANCE FROM SITE	GRANK SRANK	DATE ADDED	TOPO MAP / COUNTY WHERE THE SPECIES IS LOCATED
HARPER'S FIMBRISTYLIS	NC/CU	78-42-51	3.53 Miles NNW	G2	06/22/85	LONGS
FIMBRISTYLIS PERPUSILLA		33-54-46		S2		Horry
PLYMOUTH GENTIAN	RC	78-43-20	2.22 Miles WNW	G3	06/22/85	LONGS
SABATIA KENNEDYANA		33-52-50		S1		Horry
HARPER'S FIMBRISTYLIS	NC/CU	78-39-53	1.50 Miles ESE	G2	10/04/83	WAMPEE
FIMBRISTYLIS PERPUSILLA		33-51-22		S2		Horry
DWARF BULRUSH	sL	78-43-20	2.22 Miles WNW	G4	06/22/85	LONGS
HEMICARPHA MICRANTHA		33-52-50		S2		Horry
DWARF BULRUSH	SL	78-43-11	3.26 Miles NNW	G4	06/22/85	LONGS
HEMICARPHA MICRANTHA		33-54-20		S2		Horry
HARPER'S FIMBRISTYLIS	NC/CU	78-43-20	2.22 Miles WNW	G2	06/22/85	LONGS
FIMBRISTYLIS PERPUSILLA		33-52-50		S2		Horry
PLYMOUTH GENTIAN	RC	78-42-43	3.69 Miles NNW	G3	06/22/85	LONGS
SABATIA KENNEDYANA		33-54-58		S1		Horry
PLYMOUTH GENTIAN	RC	78-45-27	4.11 Miles WNW	G3	06/22/85	HAMMOND
SABATIA KENNEDYANA		33-52-40		S1		Horry
DWARF BULRUSH	SL	78-42-42	3.16 Miles NNW	G4	06/22/85	LONGS
HEMICARPHA MICRANTHA		33-54-28		S2	· •	Horry
DWARF BULRUSH	SL	78-42-43	3.69 Miles NNW	G4	06/22/85	LONGS
HEMICARPHA MICRANTHA		33-54-58		S2	•	Horry
HARPER'S FIMBRISTYLIS	NC/CU	78-44-34	0.00 Miles UNK	G2	06/22/85	LONGS
FIMBRISTYLIS PERPUSILLA		33-53-02		S2		Horry

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# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE ENDANGERED SPECIES FOUND WITHIN 4 MILES AND BETWEEN LATITUDE 33-52-00 TO 33-53-30 AND LONGITUDE 78-41-15 TO 78-52-30 THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. HERITAGE TRUST FOUNDATION (01/92).

COMMON NAME SCIENTIFIC NAME	STATUS	LONGITUDE LATITUDE	DISTANCE FROM SITE	GRANK SRANK	DATE ADDED	TOPO MAP / COUNTY WHERE THE SPECIES IS LOCATED
HARPER'S FIMBRISTYLIS	NC/CU	78-42-43	3.69 Miles NNW	G2	06/22/85	LONGS
FIMBRISTYLIS PERPUSILLA		33-54-58		S2		Horry
HARPER'S FIMBRISTYLIS	NC/CU	78-45-27	4.11 Miles WNW	G2	06/22/85	HAMMOND
FIMBRISTYLIS PERPUSILLA	•.	33-52-40		S2		Horry
PLYMOUTH GENTIAN	RC	78-44-34	3.40 Miles WNW	G3	06/22/85	LONGS
SABATIA KENNEDYANA		33-53-02		S1		Horry
HARPER'S FIMBRISTYLIS	NC/CU	78-42-42	3.16 Miles NNW	G2	06/22/85	LONGS
FIMBRISTYLIS PERPUSILLA		33-54-28		<b>S</b> 2		Horry
PLYMOUTH GENTIAN	RC	78-41-53	3.28 Miles NNW	G3	06/21/85	LONGS
SABATIA KENNEDYANA		33-54-48		S1		Horry
SHORTLEAF SNEEZEWEED	RC	78-44-00	3.13 Miles WNW	G4	06/22/85	LONGS
HELENIUM BREVIFOLIUM		33-53-28		S1		Horry
HARPER'S FIMBRISTYLIS	NC/CU	78-43-11	3.26 Miles NNW	G2	06/22/85	LONGS
FIMBRISTYLIS PERPUSILLA		33-54-20		S2		Horry
SARVIS HOLLY	UN	78-40-13	4.18 Miles NNE	G3G4	05/07/85	LONGS
ILEX AMELANCHIER		33-55-32		S3		Horry
HARPER'S FIMBRISTYLIS	NC/CU	78-41-53	3.28 Miles NNW	G2	06/21/85	LONGS
FIMBRISTYLIS PERPUSILLA		33-54-48		S2		Horry
PLYMOUTH GENTIAN	RC	78-42-42	3.16 Miles NNW	G3	10/10/85	LONGS
SABATIA KENNEDYANA		33-54-28		S1		Horry
BURHEAD	SL	78-42-42	3.16 Miles NNW	G3T2	06/21/85	LONGS
ECHINODORUS TENELLUS VAR PARVULUS		33-54-28		S2		Horry

Page No. 1 Date: 12/16/93

# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE ENDANGERED SPECIES FOUND WITHIN 4 MILES AND BETWEEN LATITUDE 33-52-00 TO 33-53-30 AND LONGITUDE 78-41-15 TO 78-52-30 THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. HERITAGE TRUST FOUNDATION (01/92).

COMMON NAME SCIENTIFIC NAME	STATUS	LONGITUDE LATITUDE	DISTANCE FROM SITE	GRANK SRANK		TOPO MAP / COUNTY WHERE THE SPECIES IS LOCATED
HARPER'S FIMBRISTYLIS	NC/CU	78-43-19	2.88 Miles NNW	G2	06/22/85	LONGS
FIMBRISTYLIS PERPUSILLA		33-53-49		S2		Horry
PINK TICKSEED	RC	78-42-42	3.25 Miles NNW	G3	10/18/80	LONGS
COREOPSIS ROSEA		33-54-33		S2		Horry
HARPER'S FIMBRISTYLIS	NC/CU	78-44-34	3.40 Miles WNW	G2	06/22/85	LONGS
FIMBRISTYLIS PERPUSILLA		33-53-02		S2		Horry
DWARF BULRUSH	SL	78-44-34	3.40 Miles WNW	G4	06/22/85	LONGS
HEMICARPHA MICRANTHA		33-53-02		S2		Horry
PLYMOUTH GENTIAN	RC	78-43-11	3.26 Miles NNW	G3	06/22/85	LONGS
SABATIA KENNEDYANA		33-54-20		S1		Horry
PLYMOUTH GENTIAN	RC	78-43-19	2.88 Miles NNW	G3	06/22/85	LONGS
SABATIA KENNEDYANA		33-53-49		S1		Horry
DWARF BULRUSH	SL	78-45-27	4.11 Miles WNW	G4	06/22/85	HAMMOND
HEMICARPHA MICRANTHA		33-52-40		S2		Horry
PLYMOUTH GENTIAN	RC	78-40-35	3.23 Miles SSE	G3	06/12/33	WAMPEE
SABATIA KENNEDYANA		33-49-15		S1		Horry
SARVIS HOLLY	UN	78-43-11	3.26 Miles NNW	G3G4	06/22/85	LONGS
ILEX AMELANCHIER		33-54-20		S3		Horry
SARVIS HOLLY	UN	78-42-37	3.11 Miles NNW	G3G4	10/10/85	LONGS
ILEX AMELANCHIER		33-54-27		s3		Horry
BURHEAD	SL	78-40-13	4.18 Miles NNE	G3T2	06/21/85	LONGS
ECHINODORUS TENELLUS VAR PARVULUS		33-55-32		S2		Horry

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# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE
THE SURFACEWATER SUPPLIES FOUND BETWEEN LATITUDE 33-52-00 TO 33-53-30 AND LONGITUDE 78-41-15 TO 78-52-30
THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

TREATMENT WORKS NAME OWNERS IDENTIFICATION	STREAM NAME	LONGITUDE LATITUDE	PUMP (GPM) SOURCE ID. TREATMENT (C	GPD)
NO SOURCES FOUND.		0 0	0.0 0.000	
SOURCE IDENTIFICATION:	And the second s			
AQ - Aquaculture ST - Sewage Treatment	<pre>IR - Irrigator GC - Golf Course</pre>	PT - Thermo-power PH - Hydro-power	CO - Commerical WS - Public Supply	MI - Mining IN - Industry

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# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE
THE ENDANGERED SPECIES FOUND WITHIN 4 MILES AND BETWEEN LATITUDE 33-52-00 TO 33-53-30 AND LONGITUDE 78-41-15 TO 78-52-30

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. HERITAGE TRUST FOUNDATION (01/92).

TOPO MAP /
COMMON NAME

LONGITUDE DISTANCE GRANK DATE COUNTY WHERE THE
SCIENTIFIC NAME

STATUS LATITUDE FROM SITE SRANK ADDED SPECIES IS LOCATED

#### GRANK/SRANK - Nature Conservancy rating:

- G1 Critically imperiled globally because of extreme rarity or because of some factor(s) making it especially vulnerable to extinction.
- G2 Imperiled globally because of rarity or factor(s) making it vulnerable.
- G3 Either very rare throughout its range or found locally in a restricted range, or having factors making it vulnerable.
- G4 Apparently secure globally, though it may be rare in parts of its range.
- G5 Demonstrably secure globally, though it may be rare in parts of its range.
- S1 Critically imperiled state-wide because of extreme rarity or because of some factor(s) making it especially vulnerable to extirpation.
- S2 Imperiled state-wide because of rarity or factor(s) making it vulnerable.
- S3 Rare or uncommon in state.
- S4 Apparently secure in state.
- S5 Demonstrably secure in state.

#### STATUS - Legal status:

- FE Federal Endangered
- FT Federal Threatened
- NC Of Concern, National (plants)
- RC Of Concern, Regional (plants)
- SE State Endangered (animals)
- ST State Threatened (animals)
- SC Of Concern, State (animals)
- SL Of Concern, State (plants)
- SX State Extirpated
- CU Candidate (Federal review)
- UN Undetermined

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#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:			COUNTY:		AQUIFER:			scwrc:	DAR201
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:					LOCATION:				
	City of Hartsville?		COUNTY:		AQUIFER:		_		DARz02
CONTACT:		PHONE:		78-32-95		DEPTH:	0	USE:	
ADDRESS:				33-47-95		DEPTH:	О	YIELD:	0
	•			0.00 MILES		ELEV:	0.00		
REMARKS:	SCWRC Well tab; T=64D	C:Layne-Atlantic;	410.2 Flow 1,	/4/55;	LOCATION:				
	Dovesville Side Camp	•	COUNTY:		AQUIFER:				DAR203
CONTACT:	1	PHONE:		78-32-95		DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	•		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	SCWRC Well tab;				LOCATION: Darl:	ington			
COMPANY.	Mr. Murray Kirven		COUNTY:		AQUIFER:			SCMBC.	DAR204
CONTACT:	=	PHONE:	5001111	78-32-95	<del>-</del>	DEPTH:	0	USE:	DAR204
ADDRESS:	•	FIIONE.	LATITUDE:			DEPTH:	0	YIELD:	0
ADDRESS:						ELEV:	0.00	IIELD:	U
DEMARKS.	SCWRC Well tab; DO	C. Paud Johnson	DISTANCE:	0.00 MILES			0.00		
KEMAKKS:	SCWRC Well tab; Do	C:Boyd Johnson;			LOCATION: Harts	sville			1
COMPANY:	Mr. J.A. Rogers		COUNTY:		AQUIFER:			SCWRC:	DAR205
CONTACT:	-	PHONE:		78-32-95	<b>-</b>	DEPTH:	0	USE:	
ADDRESS:		· — •	LATITUDE:			DEPTH:	Ö	YIELD:	0
				0.00 MILES		ELEV:	0.00		ŭ
REMARKS:	SCWRC Well tab; F:	lows 1955: T=63 5:	D. 10.1111.001	2.00	LOCATION: Harts				
	HOLL CON	1000 1700, 1-0010,			Booniion. Hatt:	OATTIC!	7		

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#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

# SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Mr. D.J. Jones/2mi		COUNTY:		AQUIFER:		SCWRC:	DARz06
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP. DEPTH:	0	USE:	
ADDRESS:		•	LATITUDE:	33-47-95	DRILL DEPTH:	0	YIELD:	0
	•		DISTANCE:	0.00 MILES	UNK ELEV:	0.00		
REMARKS:	SCWRC Well tab;				LOCATION: NE SC15 Airpo	rt Serv	•	
COMPANY:			COUNTY:		AQUIFER:		scwrc:	DARz07
CONTACT:		PHONE:	LONGITUDE:	78-32 <b>-</b> 95	COMP. DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK ELEV:	0.00		
REMARKS:					LOCATION:			
COMPANY:	Gus Randolph		COUNTY:		AQUIFER:		SCWRC:	DARz08
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP. DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK ELEV:	0.00		
REMARKS:	SCWRC Well tab;	DC:Chance Pipkins;			LOCATION: Rt. 1, Lamar			
COMPANY:	Mr. J.F. Howell		COUNTY:		AQUIFER:		SCWRC:	DAR209
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP. DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK ELEV:	0.00		
REMARKS:	SCWRC Well Tab;	DC:Spires;	T=66		LOCATION: Rt. 1, Lamar			
COMPANY:	State Ed. Finishing		COUNTY:		AQUIFER:		SCWRC:	DARz10
CONTACT:	-	PHONE:	LONGITUDE:	78-32-95	COMP. DEPTH:	0	USE:	
ADDRESS:				33-47-95		0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK ELEV:	0.00		
REMARKS:	SCWRC Well tab;	DC:Getzen; PT:57;			LOCATION: Shop, 4 mi SW,	LamarH		

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#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:			COUNTY:		AQUIFER:			scwrc:	DARz11
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:					LOCATION: #2				
COMPANY:	Valcraft Division		COUNTY:		AQUIFER:			scwrc:	DARZ1
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	SCWRC Well tab;	DC:Pittman Wood;	PWL:142;		LOCATION: Nucl	ear Corp.	DAR.		
COMPANY:	Int. Min. Plant		COUNTY:		AQUIFER:			scwrc:	DARz13
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION:				
COMPANY:	Int. Min Plant		COUNTY:		AQUIFER:			scwrc:	DARz14
CONTACT:		PHONE:	LONGITUDE:	78-32 <b>-</b> 95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION:				
COMPANY:	Skeets Barbeque		COUNTY:		AQUIFER:			SCWRC:	DAR215
CONTACT:	•	PHONE:		78-32-95	-	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:			DEPTH:	0	YIELD:	0
	,			0.00 MILES		ELEV:	0.00		-
REMARKS:	•				LOCATION: Darl		- · - •		
						-			

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#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

#### SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

# THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

CONTACT:	Redwood St. Apt.	PHONE:		78-32-95		DEPTH:	0	USE:	DARz16
ADDRESS:			LATITUDE:			DEPTH:	0	YIELD:	0
	Purc.		DISTANCE:	0.00 MILES	LOCATION:	ELEV:	0.00		
REMARKS:	DREC;				LOCATION:				
COMPANY:	Redwood St. Apt.		COUNTY:		AQUIFER:			scwrc:	DAR217
CONTACT:	-	PHONE:	LONGITUDE:	78-32-95		DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:					LOCATION:				
COMPANY:	Hartsville Golf Club		COUNTY:		AQUIFER:			SCWRC:	DARz18
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION:				
COMPANY:	Hartsville Golf Club		COUNTY:		AQUIFER:			SCWRC:	DARz19
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION:				i
									·
COMPANY:	Howle Mobile Home		COUNTY:		AQUIFER:			SCWRC:	DARz20
CONTACT:		PHONE:		78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Park				

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#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

4 MILES

#### SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

#### THE GROUNDWATER SUPPLIES FOUND WITHIN

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Atkinston's Trailer		COUNTY:		AQUIFER:			SCWRC:	DARz21
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Park				
COMPANY:	Atkinson's Trailer		COUNTY:		AQUIFER:			scwrc:	DARz22
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Park				
COMPANY:	Atkinson's Trailer		COUNTY:		AQUIFER:			scwrc:	DARz23
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Park				
COMPANY:	Atkinson's Trailer		COUNTY:		AQUIFER:			SCWRC:	DARz24
CONTACT:		PHONE:	LONGITUDE:	78-32 <b>-</b> 95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Park				,
COMPANY:	Atkinston's Trailer		COUNTY:		AQUIFER:			SCWRC:	DARz25
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:			DEPTH:	0	YIELD:	0
	,			0.00 MILES	UNK	ELEV:	0.00		
REMARKS:					LOCATION: Park				

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# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Atkinson's Trailer		COUNTY:		AQUIFER:			SCWRC:	DARz26	
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:		
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0	
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00			
REMARKS:					LOCATION: Park					
COMPANY:	Atkinson's Trailer		COUNTY:		AQUIFER:			SCWRC:	DAR227	-
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:		
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0	
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00			
REMARKS:	DHEC;				LOCATION: Park					
COMPANY:	Atkinson's Trailer		COUNTY:		AQUIFER:			SCWRC:	DAR228	
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:		
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0	
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00			
REMARKS:	DHEC;				LOCATION: Park					
COMPANY:	Pineridge Trailer		COUNTY:		AQUIFER:			SCWRC:	DAR229	
CONTACT:	_	PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:		
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0	
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00			
REMARKS:	DHEC;				LOCATION: Park					i
COMPANY:	Pineridge Trailer		COUNTY:		AQUIFER:			SCMBC.	DARz30	١,
CONTACT:	Thereage truster	PHONE:		78-32-95	-	DEPTH:	0	USE:	DAN250	
ADDRESS:		11045.		33-47-95		DEPTH:	0	YIELD:	0	
IIDDINDOO.	_			0.00 MILES		ELEV:	0.00	TIBLU:	J	
REMARKS:	/ DHEC.		DISTANCE.	C.OU MILES	LOCATION: Park		0.00			
Whimitto.					DOCULTON: PALK					

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# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

# SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

#### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Whispering Pine		COUNTY:		AQUIFER:			SCWRC:	DARz31
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	•		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Hart	sville			
COMPANY:	Lake Robinson		COUNTY:		AQUIFER:			SCWRC:	DARz32
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: McBee	9			
COMPANY:	Gainey Mobile Home		COUNTY:		AQUIFER:			scwrc:	DARz33
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:	·		LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Park	Darlingt	on		
COMPANY:	Gainey Mobile Home		COUNTY:		AQUIFER:			SCWRC:	DARz34
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Park	Darlingt	on		į.
COMPANY:	Lakeside Mobile Home		COUNTY:		AQUIFER:			SCWRC:	DARz35
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Park	Rt. 2, M	cbee		

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#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Plantation Park		COUNTY:		AQUIFER:			SCWRC:	DARz36
CONTACT:		PHONE:	LONGITUDE:	78-32 <b>-</b> 95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Rt.	l, Lamar			
COMPANY:	Plantation Park				AQUIFER:			scwrc:	DARz37
CONTACT:		PHONE:	LONGITUDE:	78-32 <b>-</b> 95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC:				LOCATION: Rt.	l, Lamar			
COMPANY:	Russell Rd. Mobile		COUNTY:		AQUIFER:			scwrc:	DARz38
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Home	Pk., Harts	sville		
COMPANY:	Russell Rd. Mobile		COUNTY:		AQUIFER:			SCWRC:	DARz39
CONTACT:		PHONE:	LONGITUDE:	78 <b>-32-9</b> 5	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Home	Pk., Harts	sville		
COMPANY:	Midway Mobile Home		COUNTY:		AQUIFER:			SCWRC:	DAR240
CONTACT:	_	PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	•		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Park	Rt. 2, M	Bee		

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## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

#### SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

#### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Midway Mobile Home		COUNTY:		AQUIFER:			scwrc:	DARz41
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Park	, Rt. 2, Mc	:Bee		
COMPANY:	Airport Trailer Park		COUNTY:		AQUIFER:			SCWRC:	DAR242
CONTACT:	Face comment such	PHONE:		78-32-95	<del></del>		0	USE:	
ADDRESS:				33-47-95			0	YIELD:	0
			= '		UNK		0.00		Ū
REMARKS:	, DHEC:		2124.2.021	0.00	LOCATION: Hart		0.00		
COMPANY:	Shady Pines Trailer		COUNTY:		AQUIFER:			scwrc:	DARz43
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Park	, Hartsvill	e		
COMPANY:	Northcutt's Mobile		COUNTY:		AQUIFER:			SCWRC:	DAR244
CONTACT:		PHONE:		78-32-95	<del></del>		0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Home	Pk., Harts	ville		
COMPANÝ:	Stanley Mobile Home		COUNTY:		AQUIFER:			SCWRC:	DAR245
CONTACT:	•	PHONE:		78-32-95	<del>-</del>	DEPTH:	0	USE:	
ADDRESS:				33-47-95			0	YIELD:	0
	,			0.00 MILES			0.00	<b></b> -	-
REMARKS:					LOCATION: Park	_	•		
	•				·	,			

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# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

# SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

#### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

	Kissiah Trailer Park				-				DAR246
CONTACT:		PHONE:			COMP.		0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Rt.	5, Hartsvil	lle		
COMPANY:	Kissiah Trailer Park		COUNTY:		AQUIFER:			SCWRC:	DAR247
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Rt.	5, Hartsvil	le		
COMPANY:	I-20 Exxon Station		COUNTY:		AQUIFER:			SCWRC:	DARz48
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Lama	r			
COMPANY:	Emmanuel Baptist		COUNTY:		AQUIFER:			SCWRC:	DARz49
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Rt.	l, Hartsvil	le		
COMPANY:	Emmanuel Baptist		COUNTY:		AQUIFER:			SCWRC:	DAR250
CONTACT:	_	PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Rt.	l, Hartsvil	le		

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#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

	_								
COMPANY:	Carmed. Lounge		COUNTY:		AQUIFER:			SCWRC:	DAR501
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILI	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:					LOCATION: Dar				
	·					<b>.</b>			
COMPANY:	Darlington Co. Water		COUNTY:		AQUIFER:			SCWRC:	DARz52
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILI	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	•				LOCATION: & Se	wer Auth.	#4		
							_		
COMPANY:	Pee Dee Exp. Station		COUNTY:		AQUIFER:			SCWRC:	DARz51
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILI	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DC:Demco ltd.;	SC:1.5 gpf;			LOCATION:				
COMPANY:	U.S.G. Survey		COUNTY:		AQUIFER:			SCWRC:	02Qe06
CONTACT:	Paul Drews	PHONE:	LONGITUDE:	78-39-41	COMP.	DEPTH:	0	USE:	
ADDRESS:	507 28th Avenue Nort	h	LATITUDE:	33-49-52	DRILI	DEPTH:	0	YIELD:	0
	,		DISTANCE:	2.88 MILES	SSE	ELEV:	0.00		
REMARKS:					LOCATION: SURF	GOLF & B	EACH CL		
COMPANY:	ResortMaster, Inc.		COUNTY:		AQUIFER:	Shallow		SCWRC:	02Qr03
CONTACT:	AL Wall	PHONE: 249-3997	LONGITUDE:	78-37-48	COMP.	DEPTH:	75	USE:	GC
ADDRESS:	P.O. Box 300		LATITUDE:	33-52-03	DRILL	DEPTH:	75	YIELD:	83
	N. Myrtle Beach, SC	29597	DISTANCE:	3.32 MILES	ENE	ELEV:	0.00		
	Eastport Country Clu						th hole		

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#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	U.S.G. Survey				AQUIF	ER:		scwrc:	02Ra06
		PHONE:		78-39-41	c	OMP. DEPTH:	0	USE:	
ADDRESS:	507 28th Avenue Nort	h	LATITUDE:	33-49-52	D	RILL DEPTH:	0	YIELD:	0
	Myrtle Beach,,		DISTANCE:	2.88 MILES	SSE	ELEV:	0.00		
REMARKS:	DC:R. MCCRACKEN;				LOCATION:				
COMPANY:	C.W. Vereen		COUNTY:		AOUIF	ER:		SCWRC:	02Qe01
CONTACT:		PHONE:		78-39-26		OMP. DEPTH:		USE:	
ADDRESS:	Route Box 228			33-54-23		RILL DEPTH:	348	YIELD:	-1
	N. Myrtle Beach, SC			3.25 MILES		ELEV:	40.00		
REMARKS:	<del>-</del>	effect. Date complete					n		
COMPANY:	Walter P. Hawks		COUNTY:		AQUIF	ER:		SCWRC:	02Q106
CONTACT:		PHONE:	LONGITUDE:	78-36-58	C	OMP. DEPTH:	60	USE:	DO
ADDRESS:	Brooksville Road		LATITUDE:	33-52-43	D	RILL DEPTH:	60	YIELD:	10
	Little River,, SC		DISTANCE:	4.20 MILES	ENE	ELEV:	40.00		
REMARKS:	Hawks says there is	plenty of water @ 60;	iron stain	s.	LOCATION:	Brooksville	Road		
COMPANY:	Town of Little River		COUNTY:		AQUIF	ER:		scwrc:	02Qm03
CONTACT:		PHONE:	LONGITUDE:	78-37-02	C	OMP. DEPTH:	692	USE:	WS
ADDRESS:	c/o Little Town Hall		LATITUDE:	33-52-33	D	RILL DEPTH:	692	YIELD:	180
	Little River,, SC		DISTANCE:	4.10 MILES	ENE	ELEV:	40.00		
REMARKS:	Well now abandoned,	sand problems & highC	1-1. Fed. O	os. well	LOCATION:	Town of Litt	tle River		
COMPANY:	S & F of MB Inc.		COUNTY:		AQUIF:	ER: Shallow		scwrc:	02Qm04
CONTACT:	Kurt Driesbaugh	PHONE: 803-249-1025	LONGITUDE:	78-37-18	_	OMP. DEPTH:		USE:	_
	P.O. Box 680			33-52-28		RILL DEPTH:	15	YIELD:	600
	Little River, SC 295	66		3.83 MILES		ELEV:	0.00		
	•								

LOCATION: Cypress Bay GC bet. 7 & 8th H.

NOTE: LATITUDES OR LONGITUDES ENDING IN 95 ARE ONLY ACCURATE TO WITHIN 5 MINUTES.

LATITUDES OR LONGITUDES ENDING IN 91 ARE ONLY ACCURATE TO WITHIN 1 MINUTE.

REMARKS: No data on construction of ponds; dba Cypress Bay GC.

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# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

	Eastport Golf Club					AQUIFER			SCWRC:	02Qm05
	Mark Rohdenburg								USE:	
	P.O. Box 300							200	YIELD:	83
	N. Myrtle Beach, SC	29597		DISTANCE:	3.43 MILES	ENE	ELEV:	38.00		
REMARKS:	Well at 11th hole.					LOCATION: 5	mil <b>es</b> Eas	st of Litt	le Rive	r
COMPANY:	Van Smith Concrete			COUNTY:		AQUIFER	:		SCWRC:	02Qn04
CONTACT:		PHONE:		LONGITUDE:	78-38-22	COM	P. DEPTH:	343	USE:	
ADDRESS:				LATITUDE:					YIELD:	
	Little River,, SC			DISTANCE:	2.77 MILES	ENE	ELEV:	25.00		
REMARKS:						LOCATION: Lit	ttle Rive	r		
COMPANY:	Blythe Construction			COUNTY:		AQUIFER:	:		SCWRC:	020n05
	Howard Hudson									-
	17 Eagle Way								YIELD:	
	N. Myrtle Beach, SC 2	29582		DISTANCE:	2.87 MILES	ENE	ELEV:			
	Not much info. use as							У		
COMPANY:	Cherry Grove Golf Co			COUNTY:		AOUIFER:	: Pee Dee		SCWRC:	020n06
CONTACT:	Arthur Morgan	PHONE:	399-4343	LONGITUDE:	78-38-56	COM	P. DEPTH:	125	USE:	
	P.O. Box 746			LATITUDE:					YIELD:	_
	North Myrtle Be, SC 2	29582		DISTANCE:		ENE				
	Domestic well, golf of			22222		LOCATION: 200			(house)	
COMPANY:	Caro-Strand Corp.			COUNTY		AOUTEER	Rlack C	reek	SCWRC.	020001
	Keith Floyd							235		
	P.O. Box 240			LATITUDE:				235	YIELD:	_
	North Myrtle Be, SC 2	29597								120
	This is their main su									
TABLEMANCE.	Tito to client mail bo	TPDTA ME	it, uale	ombiered 13/5.		POCULION: '2	WITTED D.	Or uma a		

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#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

Caro-Strand Corp.	•	COUNTY:		AQUIFER:	Black Cr	eek	SCWRC:	02Qo02
Keith Floyd	PHONE: 249-2026	LONGITUDE:	78-39-37	COMP.	DEPTH:	175	USE:	GC
P.O. Box 240		LATITUDE:	33-52-28	DRILL	DEPTH:	188	YIELD:	419
North Myrtle Be, SC	29597	DISTANCE:	1.66 MILES	ENE	ELEV:			
Well only pumps 5-10	gpm; date completed	1981.		LOCATION: Hwy.	9 entra	nce to B	ay Tree	GP
Caro-Strand Golf Cor		COUNTY:		AQUIFER:	Black Cr	eek	SCWRC:	02Q003
Keith Floyd	PHONE: 249-1487	LONGITUDE:	78-39-38	COMP.	DEPTH:	341	USE:	WS
Highway 9 N.		LATITUDE:	33-52-20	DRILL	DEPTH:	341	YIELD:	15
N. Myrtle Beach, SC	29597	DISTANCE:	1.60 MILES	ENE	ELEV:	40.00		
Well only supplies c	lub house and Pro-sh	op.		LOCATION: Bay				
					Black Cr	eek	SCWRC:	020004
buy fied doil fluid.	PHONE: 249-1487	LONGITUDE	78-39-38	COMP	DEPTH:	166	USE:	AR
Highway 9 N	11101121 243 1407	LATITUDE:	33-52-20	DRILL	DEPTH:	166	YIELD:	-1
N. Myrlte Reach. SC		DISTANCE:	1.60 MILES	ENE	ELEV:	40.00	TILLD.	-
State of S.C.		COUNTY:		AQUIFER:	Black Cr	eek	SCWRC:	02Qo05
	PHONE:	LONGITUDE:	78-39-25	COMP.	DEPTH:	354	USE:	ОВ
221 Main Street		LATITUDE:	33-52-47	DRILL	DEPTH:	768	YIELD:	50
Conway,, SC		DISTANCE:	1.98 MILES	ENE	ELEV:	40.00		
Drilled well for obs	purposes only; T's	are abt 3500-	-4000.	LOCATION: Eagl	e Nest			
Little River W&S Co.		COUNTY:		AOUIFER:	Black Cr	eek	SCWRC:	020006
	DUONE - 240 4025	LONGITUDE	78-39-25	COMP.	DEPTH:	317	USE:	WS
George Adams	PRONE: 249-4025							
George Adams P.O. Box 68	PHONE: 249-4025	LATITUDE:	33-52-47	DRILL	DEPTH:	317	YIELD:	210
P.O. Box 68 Little River, SC 295		LATITUDE:	33-52-47	DRILL	DEPTH:	317 25.00	YIELD:	210
	P.O. Box 240 North Myrtle Be, SC Well only pumps 5-10 Caro-Strand Golf Cor Keith Floyd Highway 9 N. N. Myrtle Beach, SC Well only supplies of Bay Tree Golf Plant. Highway 9 N. N. Myrtte Beach, SC Field located well; State of S.C.  221 Main Street Conway,, SC Drilled well for obs Little River W&S Co.	P.O. Box 240 North Myrtle Be, SC 29597 Well only pumps 5-10gpm; date completed Caro-Strand Golf Cor Keith Floyd PHONE: 249-1487 Highway 9 N. N. Myrtle Beach, SC 29597 Well only supplies club house and Pro-sh Bay Tree Golf Plant. PHONE: 249-1487 Highway 9 N. N. Myrlte Beach, SC Field located well; Owners unaware of ex State of S.C. PHONE: 221 Main Street Conway,, SC Drilled well for obs purposes only; T's	North Myrtle Be, SC 29597  North Myrtle Be, SC 29597  Nell only pumps 5-10gpm; date completed 1981.  Caro-Strand Golf Cor  Keith Floyd  PHONE: 249-1487  LONGITUDE: Highway 9 N.  N. Myrtle Beach, SC 29597  Well only supplies club house and Pro-shop.  Bay Tree Golf Plant.  PHONE: 249-1487  LONGITUDE: Highway 9 N.  N. Myrtle Beach, SC  PHONE: 249-1487  LONGITUDE: Field located well; Owners unaware of existence. 1972  State of S.C.  PHONE:  PHONE:  LONGITUDE:  LONGITUDE:  221 Main Street  Conway,, SC  DISTANCE:  DIS	North Myrtle Be, SC 29597  North Myrtle Beach, SC 2959	P.O. Box 240 North Myrtle Be, SC 29597 DISTANCE: 1.66 MILES ENE Well only pumps 5-10gpm; date completed 1981.  Caro-Strand Golf Cor Keith Floyd PHONE: 249-1487 LONGITUDE: 78-39-38 COMP. Highway 9 N. LATITUDE: 33-52-20 DRILL N. Myrtle Beach, SC 29597 DISTANCE: 1.60 MILES ENE Well only supplies club house and Pro-shop.  Bay Tree Golf Plant. COUNTY: PHONE: 249-1487 LONGITUDE: 78-39-38 COMP. Highway 9 N. LATITUDE: 33-52-20 DRILL N. Myrlte Beach, SC DISTANCE: 1.60 MILES ENE Field located well; Owners unaware of existence. 1972?  LOCATION: Bay  State of S.C. COUNTY: PHONE: LOCATION: Bay  State of S.C. COUNTY: PHONE: LOCATION: Bay  State of S.C. COUNTY: AQUIFER: COMP.  LATITUDE: 33-52-47 DRILL CONWAY, SC DISTANCE: 1.98 MILES ENE Drilled well for obs purposes only; T's are abt 3500-4000. LOCATION: Eagl	P.O. Box 240  North Myrtle Be, SC 29597  DISTANCE: 1.66 MILES ENE  ELEV: Well only pumps 5-10gpm; date completed 1981.  Caro-Strand Golf Cor  Keith Floyd  PHONE: 249-1487  LATITUDE: 33-52-20  DRILL DEPTH:  LOCATION: Hwy. 9 entra  County:  AQUIFER: Black Cr  Keith Floyd  PHONE: 249-1487  LATITUDE: 33-52-20  DRILL DEPTH:  N. Myrtle Beach, SC 29597  DISTANCE: 1.60 MILES ENE  ELEV: Well only supplies club house and Pro-shop.  LOCATION: Bay Tree Gol  Bay Tree Golf Plant.  COUNTY:  PHONE: 249-1487  LONGITUDE: 78-39-38  COMP. DEPTH:  N. Myrlte Beach, SC  DISTANCE: 1.60 MILES ENE  COMP. DEPTH:  LOCATION: Bay Tree Gol  DISTANCE: 1.60 MILES ENE  ELEV:  Field located well; Owners unaware of existence. 1972 ?  LOCATION: Bay Tree Gol  State of S.C.  COUNTY:  PHONE:  LOCATION: Bay Tree Gol  State of S.C.  COUNTY:  PHONE:  LOCATION: Bay Tree Gol  LOCATION: Bay Tree Gol  State of S.C.  COUNTY:  AQUIFER: Black Cr  LONGITUDE: 78-39-25  COMP. DEPTH:  CONWAY,, SC  DISTANCE: 1.98 MILES ENE  ELEV:  DISTANCE: 1.98 MILES ENE  ELEV:  DISTANCE: 1.98 MILES ENE  ELEV:  DISTANCE: 1.98 MILES ENE  LATITUDE: Black Cr  ADUIFER: Black Cr  ADUIFER: Black Cr	P.O. Box 240  North Myrtle Be, SC 29597  North M	Well only pumps 5-l0gpm; date completed 1981.  Caro-Strand Golf Cor  Keith Floyd PHONE: 249-1487 LONGITUDE: 78-39-38 Highway 9 N.  N. Myrtle Beach, SC 29597 DISTANCE: 1.60 MILES ENE Bay Tree Golf Plant.  COUNTY: Bay Tree Golf Plant.  COUNTY: COUNTY: Bay Tree Golf Plant.  COUNTY: PHONE: 249-1487 LONGITUDE: 78-39-38 COMP. DEPTH: 341 YIELD: N. Myrtle Beach, SC 29597 DISTANCE: 1.60 MILES ENE DISTANCE: 1.60 MILES ENE ELEV: 40.00  COUNTY: AQUIFER: Black Creek SCWRC: PHONE: 249-1487 LONGITUDE: 78-39-38 COMP. DEPTH: 166 USE: Highway 9 N. LATITUDE: 33-52-20 DRILL DEPTH: 166 YIELD: N. Myrlte Beach, SC DISTANCE: 1.60 MILES ENE ELEV: 40.00 Field located well; Owners unaware of existence. 1972? LOCATION: Bay Tree Golf Plantation  State of S.C. COUNTY: AQUIFER: Black Creek SCWRC: AQUIFER:

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REMARKS: Bay Tree Golf Plantation.

## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

	Little River W&S Co.								
CONTACT:	George Adams	PHONE: 249-1260	LONGITUDE:	78-39-13	COMP.	DEPTH:	363	USE:	WS
ADDRESS:	P.O. Box 68					DEPTH:	363	YIELD:	125
	Little River, SC 2956	6	DISTANCE:	2.05 MILES	ENE	ELEV:	20.00		
REMARKS:	Did not run logs on t	his well. Well was	put in on 40	ft.frobs	LOCATION: NE h	ighway 90	on Gol	f Avenu	<b>e</b>
COMPANY:	Town of Little River		COUNTY:		AOUIFER: 8	Shallow		SCWRC:	020008
CONTACT:	:	PHONE:	LONGITUDE:	78-39-13	COMP.	DEPTH:	129	USE:	ОВ
ADDRESS:									
	221 Main Street Conway,, SC 29526		DISTANCE:	2.05 MILES	ENE	ELEV:	20.00		_
	Drilled for observation								
COMPANY:	Cherry Grove Golf Co		COUNTY:		AQUIFER: 1	Pee Dee		SCWRC:	02Qo09
CONTACT:	Arthur Morgan	PHONE: 399-4343	LONGITUDE:	78-39-03	COMP.	DEPTH:	115	USE:	GC
ADDRESS:	P.O. Box 746		LATITUDE:	33-52-38	DRILL	DEPTH:	115	YIELD:	255
	North Myrtle Be, SC 29	9582	DISTANCE:	2.24 MILES	ENE	ELEV:	25.00		
REMARKS:	Date completed was 19				LOCATION: Near	maintena	ince she	d	
COMPANY:	Cherry Grove Golf Co		COUNTY:		AOUIFER: 5	Certiary		SCWRC:	020010
	Arthur Morgan					DEPTH:			
	P.O. Box 3165				DRILL			YIELD:	
	N. Myrtle Beach, SC 29						40.00		-
REMARKS:	Have very little relia							se	
	•				•				
	Caro-Strand Corp.				AQUIFER: S			scwrc:	02Qo11
CONTACT:	Keith Floyd	PHONE: 249-2026	LONGITUDE:	78-39-36	COMP.	DEPTH:	12	USE:	GC
ADDRESS:	P.O. Box 240		LATITUDE:	33-52-29	DRILL	DEPTH:	0	YIELD:	60
	North Myrtle Be, SC 29	9597	DISTANCE:	1.68 MILES	ENE	ELEV:	35.00		

LOCATION: 4 mls N. Hwy 9 & mainten. shop

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#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

#### SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

#### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

CONTACT:	Caro-Strand Corp. Keith Floyd PHONE: P.O. Box 240 N. Myrtle Beach, SC 29597	249-2026 LONG	COUNTY: SITUDE: 78-39-38 SITUDE: 33-52-21 STANCE: 1.60 MILES	COMP.	DEPTH: 225 DEPTH: 225 ELEV: 0.0	YIELD: 125
COMPANY:	Cherry Grove Golf Co	c	COUNTY:	AQUIFER:	Shallow	SCWRC: 02Q013
CONTACT:	Arthur Morgan PHONE:	399-4343 LONG	ITUDE: 78-39-03	COMP.	DEPTH: 15	USE: GC
ADDRESS:	P.O. Box 746	LAT	TTUDE: 33-52-37	DRILL	DEPTH: 0	YIELD: 1000
	North Myrtle Be, SC 29582	DIS	TANCE: 2.23 MILES	ENE	ELEV: 0.0	0
REMARKS:	Eagle Nest Golf Course.			LOCATION: Behi	nd maintenance	shed
COMPANY:	Little River W&S Co.	c	OUNTY:	AOUIFER:	Black Creek	SCWRC: 020p01
CONTACT:	George Adams PHONE:				DEPTH: 500	
	P.O. Box 68		ITUDE: 33-51-56		DEPTH: 500	YIELD: 250
	Little River, SC 29566				ELEV: 40.0	0
	Well purchased from Bay T.					roads
COMPANY:	Dr. N.F. Nixon, Jr.	c	OUNTY:	AOUIFER:	Black Creek	SCWRC: 02Qp05
CONTACT:	•	249-2620 LONG	•	-		USE: OB
	Highway 9		ITUDE: 33-51-23		DEPTH: 600	YIELD: -1
	Little River,, SC		TANCE: 1.87 MILES		ELEV: 25.0	
	Very little infor. about we		= :			
COMPANY:	Robert Frost		OUNTY:	AOUIFER:		SCWRC: 02Qp06
CONTACT:	PHONE:		ITUDE: 78-39-01			USE: IG
ADDRESS:	11101121		ITUDE: 33-51-45			YIELD: -1
	Little River,, SC	DIS	TANCE: 2.16 MILES	ESE	ELEV: 20.0	· <del>-</del>
			<b></b>			

NOTE: LATITUDES OR LONGITUDES ENDING IN 95 ARE ONLY ACCURATE TO WITHIN 5 MINUTES.

LATITUDES OR LONGITUDES ENDING IN 91 ARE ONLY ACCURATE TO WITHIN 1 MINUTE.

REMARKS: Ph = 9.3 Cl = 15 ms/l sp. Conductance 290. SWL 20. LOCATION: Little River

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

## SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

#### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: CONTACT:	Waterford Invest. Co PHONE: 249-5488	COUNTY: LONGITUDE: 78-39-08	AQUIFER: COMP. DEPTH: 124	SCWRC: 02Qp07 USE: IR
ADDRESS:	P.O. Box 768	LATITUDE: 33-51-54	DRILL DEPTH: 124	YIELD: 60
	N. Myrtle Beach, SC 29597	DISTANCE: 2.04 MILES	S ESE ELEV: 0.00	
REMARKS:			LOCATION: Little River Inn	
COMPANY:	Cedar Creek Coquina PHONE:	COUNTY:	AQUIFER:	SCWRC: 02Qq01
CONTACT:	PHONE:	LONGITUDE: 78-38-24	COMP. DEPTH: 40	USE:
ADDRESS:		LATITUDE: 33-51-50	DRILL DEPTH: 40	YIELD: -1
	Little River,, SC	DISTANCE: 2.74 MILES	ELEV: 20.00	
	Water quality was indicative of shallow			Mine
	• •		•	
COMPANY:	Mrs. Sue Holmes	COUNTY:	AQUIFER: Tertiary	SCWRC: 02Qr01
CONTACT:	Mrs. Sue Holmes PHONE:	LONGITUDE: 78-37-58	COMP. DEPTH: 60	USE: DO
ADDRESS:	c/o Little River Post Of.	LATITUDE: 33-51-59	DRILL DEPTH: 60	YIELD: -1
	Little River,, SC	DISTANCE: 3.15 MILES	ELEV: 20.00	
	Iron stains are bad Owner says water is			fice
	•			
COMPANY:	Riverside Marine Cam	COUNTY:	AQUIFER: Tertiary	SCWRC: 02Qr02
CONTACT:	PHONE: 249-1742	LONGITUDE: 78-37-10	COMP. DEPTH: 60	USE: WS
ADDRESS:	Little River Neck Road Cherry Grove B., SC Shallow Well.	LATITUDE: 33-51-45	DRILL DEPTH: 60	YIELD: -1
	Cherry Grove B., SC	DISTANCE: 3.93 MILES	ESE ELEV: 20.00	
REMARKS:	Shallow Well.		LOCATION: Cherry Grove Beach	
COMPANY:	Eastport Golf Club	COUNTY:	AQUIFER: Peedee	SCWRC: 02Qm06
CONTACT:	Mark Rohdenburg PHONE: 249-3997	LONGITUDE: 78-37-48	COMP. DEPTH: 75	USE: GC
	P.O. Box 300			
	N. Myrtle Beach, SC 29597			
REMARKS:	Eastport Country Club; 5 miles SW of Lit			<b>!</b>

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REMARKS: Golf Course Irrigation.

## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

## SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

#### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

CONTACT:	Eastport Golf Club Mark Rohdenburg PHONE: 249- P.O. Box 300 N. Myrtle Beach, SC 29597	3997 LONGITUDE:	78-37-33	AQUIFER: Shallow  COMP. DEPTH: 43  DRILL DEPTH: 80  ESE ELEV: 0.	USE: GC YIELD: 25
REMARKS:		DISTANCE:		LOCATION: 50' NW of 13th te	
COMPANY:	U.S.G. Survey	COUNTY:		AQUIFER:	scwrc: 02rd01 (
CONTACT:	U.S.G. Survey Paul Drews PHONE:	LONGITUDE:	78-38-34	COMP. DEPTH: 100	USE: OB
	507 28th Avenue North				YIELD: -1
	Myrtle Beach,, SC 29577				
	Near 59th Avenue North and Nixon			LOCATION: Cherry Grove Water	r Tank Site
COMPANY:	Hen Curley	COUNTY:		AQUIFER:	SCWRC: 02Qx02
CONTACT:	PHONE:	LONGITUDE:	78-38-54	COMP. DEPTH: 38	USE: DO
ADDRESS:	,	LATITUDE:	33-50-31	DRILL DEPTH: 38	
	N. Myrtle Beach, SC				<del>-</del> <del>-</del>
REMARKS:	Cherry Grove; date completed 196	7; very little iron.		LOCATION: Sea Mountain High	⊮ay
COMPANY:	City of N. Myrtle B.	COUNTY:		AQUIFER: Black Creek	SCWRC: 02Qx03
CONTACT:	Ralph Norris PHONE: 249-	0222 LONGITUDE:	78-38-43	COMP. DEPTH: 400	USE: WS
				DRILL DEPTH: 454	YIELD: 450
	North Myrtle Be, SC 29582				
	Well name is also Donnaburger.			LOCATION: 3,600' E. hwy 17	& Sea Mt. hwy
COMPANY:	Robbers Roost Golf C	COUNTY:		AOUIFER: Pee Dee	SCWRC: 020v01
	Wiiliam Burris PHONE: 249-				USE: GC
	P.O. Box 68	LATITUDE:	33-50-30	DRILL DEPTH: 200	
	North Myrtle Be, SC 29582	DISTANCE:	2.49 MILES E	ESE ELEV: 20.0	
	<del>-</del>	_ :			

LOCATION: 500 SE hwy 17 & Robbers RGC

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## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

CONTACT:	Ocean Drive Ice Co. Highway 17 N. Myrtle Beach, SC		LONGITUDE:	78-39-57 33-50-26	AQUIFER: Black COMP. DEPTH DRILL DEPTH SSE ELEV LOCATION: Hwy. 17 Oc	: 500 : 500 : 20.00	USE: IN YIELD: -1
CONTACT: ADDRESS:	Jack Springs Highway 17 N. Myrtle Beach, SC		LONGITUDE: LATITUDE: DISTANCE:	78-39-42 33-50-38 2.16 MILES	AQUIFER: COMP. DEPTH	: 400 : 400 : 20.00	SCWRC: 02Qy03 USE: IN YIELD: -1
CONTACT: ADDRESS:		PHONE: 249-0222	LONGITUDE:	78-39-08 33-50-56	AQUIFER: Black COMP. DEPTH DRILL DEPTH ESE ELEV LOCATION: 700' SE hw	: 607 : 607 : 20.00	USE: WS YIELD: 500
CONTACT: ADDRESS:		PHONE: 626-3793 1 577	LONGITUDE:	78-39-08 33-50-55	AQUIFER: Pee De COMP. DEPTH DRILL DEPTH ESE ELEV LOCATION: Myrtle Bea	45 45 20.00	SCWRC: 02Qy05 USE: OB YIELD: -1
CONTACT:	U.S.G. Survey Paul Drews 507 28th Avenue North Myrtle Beach,, SC 299	า	LONGITUDE:	78-39-08 33-50-55	AQUIFER: Pee De COMP. DEPTH DRILL DEPTH ESE ELEV	: 120 : 120	SCWRC: 02Qy06 USE: OB YIELD: -1

LOCATION: Myrtle Beach

NOTE: LATITUDES OR LONGITUDES ENDING IN 95 ARE ONLY ACCURATE TO WITHIN 5 MINUTES.

LATITUDES OR LONGITUDES ENDING IN 91 ARE ONLY ACCURATE TO WITHIN 1 MINUTE.

REMARKS: Sea Mountain #2 (Well name).

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REMARKS: DC:R. MCCRACKEN;

## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

# SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

	U.S.G. Survey						AQUIFER: Pee De		SCWRC:	02Qy07
	Paul Drews I									- <del>-</del>
ADDRESS:	507 28th Avenue North Myrtle Beach,, SC 2957			LATITUDE:					YIELD:	-1
22/12/21/0				DISTANCE:	2.38 MILE		ELEV			
KEMAKKS:	Sea Mountain #3 (Well	name).	•			LOC	ATION: Myrtle Bea	cn		
COMPANY:	U.S.G. Survey			COUNTY:			AQUIFER: Pee De	e	SCWRC:	02Qy08
CONTACT:	Paul Drews F	PHONE:	626-3793	LONGITUDE:	78-39-08		COMP. DEPTH	: 30	USE:	ОВ
ADDRESS:	507 28th Avenue North			LATITUDE:	33-50-55		DRILL DEPTH	: 30	YIELD:	-1
	Myrtle Beach,, SC 2957	77		DISTANCE:	2.38 MILE	S ESE	ELEV	: 20.00		
REMARKS:	Sea Mountain #4 (well	name).				LOC	ATION: Myrtle Bea	ch		
COMPANY.	Surf Golf & Beach Cl			COUNTY •			AQUIFER: Shallo	ia)	SCMBC.	020
	Dick Hutto F				78-39-04				USE:	- <b>-</b>
	P.O. Box 47	o.v.	247 2024		33-50-12				YIELD:	
	North Myrtle Be, SC 29	9597			2.95 MILE				TIDDD.	400
REMARKS:	North Agrere Be, Bo 23	, , , ,		DIOIIMOD.	2.75		ATION: Betwn 13th		areens	
									<b>3</b>	
COMPANY:	Surf Golf & Beach Cl			COUNTY:			AQUIFER: Pee De	8	SCWRC:	02Qy10
CONTACT:	Dick Hutto F	PHONE:	249-2024	LONGITUDE:	78-39-05		COMP. DEPTH	: 128	USE:	GC
ADDRESS:	P.O. Box 47			LATITUDE:	33-50-11		DRILL DEPTH	: 133	YIELD:	500
	North Myrtle Be, SC 29	9597		DISTANCE:	2.95 MILE	SSE	ELEV	0.00		
REMARKS:						LOC	ATION: Betwn 13th	and 14th	Green	
	U.S.G. Survey			COUNTY:			AQUIFER:	_		02Ra05
	Paul Drews F	HONE:					COMP. DEPTH			_
<del>-</del>	507 28th Avenue North			LATITUDE:					YIELD:	-1
	Myrtle Beach,,			DISTANCE:	2.89 MILE	SSE	ELEV	: 0.00		

LOCATION:

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REMARKS: Good quality Peedee water.

## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE
THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: City of N. Myrtle B. CONTACT: Ralph Norris PHONE: 249-0222	COUNTY:	AQUIFER: Black Creek	SCWRC: 02Rd02
ADDRESS: 1015 2nd Avenue S.  N. Myrtle Beach, SC 29582	DISTANCE: 3 69 MILES	S ESE ELEV: 10.00	
REMARKS: Provides a source which may be utilized			
idinida. 11011des a source witch may be actified	II emergency urraes.	BOOMITON, NE OF SIEC AVE. N.	L Daily Sc.
COMPANY: City of N. Myrtle B.	COUNTY:	AQUIFER:	scwrc: 02rd03
CONTACT: Ralph Norris PHONE: 249-0222	LONGITUDE: 78-38-22	COMP. DEPTH: 71	USE: OB
ADDRESS: 1015 2nd Avenue S.	LATITUDE: 33-49-58	DRILL DEPTH: 170	YIELD: -1
ADDRESS: 1015 2nd Avenue S. N. Myrtle Beach, SC 29582	DISTANCE: 3.62 MILES	ELEV: 10.00	
REMARKS: Test hole. Cherry Grove.		LOCATION: 35' from NW corner of	
COMPANY: City of N. Myrtle B.	COUNTY:	AQUIFER:	SCWRC: 02Rd04
CONTACT: Ralph Norris PHONE: 249-0222	LONGITUDE: 78-38-22	COMP. DEPTH: 160	USE: OB
ADDRESS: 1015 2nd Avenue S.	LATITUDE: 33-49-58	DRILL DEPTH: 160	YIELD: -1
N. Myrtle Beach, SC 29582	DISTANCE: 3.62 MILES	ELEV: 0.00	
REMARKS: No evidence in file to suggest that well	was ever drilled.	LOCATION: 35' W of well 02Rc	103
COMPANY: City of N. Myrtle B.	COUNTY:	AQUIFER:	SCWRC: 02Rd05
CONTACT: Ralph Norris PHONE: 249-0222	LONGITUDE: 78-38-22	COMP. DEPTH: 160	USE: OB
ADDRESS: 1015 2nd Avenue S.	LATITUDE: 33-49-58	DRILL DEPTH: 160	YIELD: -1
N. Myrtle Beach, SC 29582	DISTANCE: 3.62 MILES	ESE ELEV: 0.00	
REMARKS: Check to see if well was ever drilled.			d03
		AQUIFER:	
CONTACT: PHONE: 249-2266			USE: DO
ADDRESS: 11th Avenue N. Tilghman B	LATITUDE: 33-49-37	DRILL DEPTH: 291	YIELD: -1
N. Myrtle Beach, SC	DISTANCE: 3.13 MILES	S SSE ELEV: 20.00	

LOCATION: N. Tilghman Beach

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# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

# SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

## THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

CONTACT: ADDRESS:	Surf Golf & Beach Cl Dick Hutto PHONE: P.O. Box 47 North Myrtle Be, SC 29597	249-2024 LONGITUE	E: 78-39-40 E: 33-49-54	DRILL DEPTH:	15	USE:	GC
	Golf Course Irrigation.	DISTANC	E: 2.05 MILES	SSE ELEV: LOCATION: Betwn 3rd and		ens	
	Surf Golf & Beach Cl						
CONTACT:	Dick Hutto PHONE:	249-2024 LONGITUD	E: 78-39-11	COMP. DEPTH:	15	USE:	GC
ADDRESS:	P.O. Box 47	LATITUD		DRILL DEPTH:	15	YIELD:	400
	P.O. Box 47 North Myrtle Be, SC 29597	DISTANC	E: 3.20 MILES	SSE ELEV:	0.00		
REMARKS:				LOCATION: Betwn 18th gr	reen & Cl	lub Hous	se .
COMPANY:	U.S.G. Survey	COUNT	Y:	AQUIFER:		SCWRC:	02Re04
	Paul Drews PHONE:					USE:	
	507 28th Avenue North						-1
	Myrtle Beach,,				0.00		
REMARKS:				LOCATION: Surf Golf & F	Beach Cl		
COMPANY:	Surf Golf & Beach Cl	COUNT	Y:	AQUIFER: Pee Dee		SCWRC:	02Re07
	Dick Hutto PHONE:			COMP. DEPTH:			
ADDRESS:	P.O. Box 47	LATITUD	E: 33-49-53	DRILL DEPTH:	104	YIELD:	500
	North Myrtle Be, SC 29597				0.00		
REMARKS:	Near the Cypress pond; PWL	32.28.		LOCATION: 100 West of	#4 fairwa	ıγ	
COMPANY:	Little River W&S Co.	COUNT	Y:	AQUIFER:		SCWRC:	03Qb01
CONTACT:	George Adams PHONE:						
	P.O. Box 68			DRILL DEPTH:		YIELD:	
	Little River,, SC 29566			NNW ELEV:	0.00		
REMARKS:				LOCATION: Little River	Water &	Sewage	Co

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## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: Little River W&S Co. COUNTY: AOUIFER: Black Creek SCWRC: 03Q--b02 CONTACT: George Adams PHONE: 249-4025 LONGITUDE: 78-41-58 COMP. DEPTH: 380 USE: WS YIELD: 350 ADDRESS: P.O. Box 68 LATITUDE: 33-54-08 DRILL DEPTH: 380 Little River, SC 29566 DISTANCE: 2.55 MILES NNW ELEV: 25.00 REMARKS: LOCATION: E. Hwy 9 in Rum Bluff Subdvn. COMPANY: Mr. Jimmy Cox COUNTY: AQUIFER: Black Creek SCWRC: 030--c01 CONTACT: PHONE: LONGITUDE: 78-42-55 COMP. DEPTH: 210 USE: WS ADDRESS: Route 1 LATITUDE: 33-54-46 DRILL DEPTH: 210 YIELD: -1 Longs,, SC DISTANCE: 3.56 MILES NNW ELEV: 10.00 REMARKS: Rest rooms and water fountain. LOCATION: Cox's Store COMPANY: Grand Strand W & S A COUNTY: AQUIFER: Black Creek SCWRC: 03Q--p01 CONTACT: Douglas P. Wendel PHONE: 347-4641 LONGITUDE: 78-44-17 COMP. DEPTH: 400 USE: WS ADDRESS: P.O. Box 1537 LATITUDE: 33-51-23 DRILL DEPTH: 504 YIELD: 350 Conway, SC 29526 DISTANCE: 3.00 MILES WSW ELEV: 40.00 REMARKS: PWL 44.9. LOCATION: .7 mile east of highway 90 COMPANY: State of S.C. COUNTY: AQUIFER: Black Creek SCWRC: 030--r01 CONTACT: PHONE: 248-4636 COMP. DEPTH: 340 LONGITUDE: 78-42-18 USE: OB ADDRESS: 221 Main Street LATITUDE: 33-51-02 DRILL DEPTH: 340 YIELD: -1 DISTANCE: 1.50 MILES SSW Conway,, SC ELEV: 40.00 REMARKS: Only for OBS & moni-toring of water level in Wampee Area. LOCATION: Wampee Lookout Tower COMPANY: City of N. Myrtle B. COUNTY: AQUIFER: Black Creek SCWRC: 03Q--u01 CONTACT: Ralph Norris PHONE: 249-0222 LONGITUDE: 78-40-11 COMP. DEPTH: 600 USE: WS ADDRESS: 1015 2nd Avenue South LATITUDE: 33-50-20 DRILL DEPTH: 757 YIELD: 500 North Myrtle Be, SC 29582 DISTANCE: 2.17 MILES SSE ELEV: 16.75

LOCATION: 1000' W. hwy 17th & 11th Ave N

NOTE: LATITUDES OR LONGITUDES ENDING IN 95 ARE ONLY ACCURATE TO WITHIN 5 MINUTES.

LATITUDES OR LONGITUDES ENDING IN 91 ARE ONLY ACCURATE TO WITHIN 1 MINUTE.

REMARKS: Vereen's Marina; PWL 103.9 @ 503 gpm.

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## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

## BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: City of N. Myrtle B.			AQUIFER:		RC: 03Ra01
CONTACT: Ralph Norris PHONE:			COMP. DEPTH:	0 t	
ADDRESS: 1015 2nd Avenue S.	LATITUDE:				CLD: -1
N. Myrtle Beach, SC 29582	DISTANCE:	3.21 MILES SSE		0.00	
REMARKS:		LOCA	ATION: N. Myrtle Beac	ch	
COMPANY: U.S.G. Survey			AQUIFER: Shallow	SCW	RC: 03Ra02
CONTACT: Paul Drews PHONE:	626-3793 LONGITUDE:	78-40-27	COMP. DEPTH: ]	.20 t	SE: OB
ADDRESS: 507 28th Avenue North	LATITUDE:	33-49-19	DRILL DEPTH: 1	.75 YIE	LD: -1
Myrtle Beach,, SC 29577	DISTANCE:	3.18 MILES SSE	ELEV:	0.00	
REMARKS: Test Hole.		LOCA	ATION: Myrtle Beach		
COMPANY: U.S.G. Survey	COUNTY:		AQUIFER: Pee Dee	SCW	RC: 03Ra03
CONTACT: Paul Drews PHONE:	626-3793 LONGITUDE:	78-40-27	COMP. DEPTH:	45 U	SE: OB
ADDRESS: 507 28th Avenue North	LATITUDE:	33-49-19	DRILL DEPTH:	45 YIE	LD: -1
Myrtle Beach,, SC 29577	DISTANCE:	3.18 MILES SSE	ELEV:	0.00	
REMARKS: Test Hole 1981.		LOCA	ATION: Myrtle Beach		
COMPANY: U.S.G. Survey	COUNTY:		AQUIFER: Pee Dee	SCW	RC: 03Ra04
CONTACT: Paul Drews PHONE:	LONGITUDE:	78-40-27	COMP. DEPTH: 1	.09 ບ	SE: OB
ADDRESS: 507 28th Avenue North	LATITUDE:	33-49-19	DRILL DEPTH: 1	.20 YIE	LD: -1
Myrtle Beach,, SC 29577	DISTANCE:	3.18 MILES SSE	ELEV:	0.00	
REMARKS: Test Hole 1981.		LOCA	ATION: Myrtle Beach		1
					\
COMPANY: U.S.G. Survey			-		RC: 03Ra05
CONTACT: Paul Drews PHONE:	LONGITUDE:				SE: OB
ADDRESS: 507 28th Avenue North		33-49-19			LD: -1
Myrtle Beach,, SC 29577	DISTANCE:	3.18 MILES SSE	ELEV:	0.00	

NOTE: LATITUDES OR LONGITUDES ENDING IN 95 ARE ONLY ACCURATE TO WITHIN 5 MINUTES.

LATITUDES OR LONGITUDES ENDING IN 91 ARE ONLY ACCURATE TO WITHIN 1 MINUTE.

REMARKS: Test Hole 1981. 3R--a2 - a5 all very close to one another. LOCATION: Myrtle Beach

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REMARKS: Test Hole.

## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

## SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE 4 MILES

THE GROUNDWATER SUPPLIES FOUND WITHIN

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Gator Hole Golf Cour		• •	COUNTY:		AQUIFER: Bl	ack Creel	k	SCWRC:	03Ra06
CONTACT:	Chris Tilghman	PHONE:	249-3543	LONGITUDE:	78-40-13	COMP. D	EPTH: 28	30	USE:	GC
ADDRESS:	P.O. Box 154		•	LATITUDE:	33-49-32	DRILL D	EPTH: 28	30	YIELD:	300
	North Myrtle Be, SC	29582		DISTANCE:	3.00 MILES	SSE	ELEV: 2	20.00		
REMARKS:	1st open hole well to						. Hillsid	de Dr.	& 8th 1	Ave
	<u>-</u>									
COMPANY:	Merlin L. Bellamy			COUNTY:		AQUIFER: Pe	e Dee		SCWRC:	03Ra07
CONTACT:	Merlin L. Bellamy	PHONE:	272-5432	LONGITUDE:	78-40-24	COMP. D	EPTH: 10	00	USE:	DO
ADDRESS:	P.O. Box 272			LATITUDE:	33-49-19	DRILL D	EPTH: 10	00	YIELD:	-1
	P.O. Box 272 N. Myrtle Beach, SC			DISTANCE:	3.19 MILES	SSE	ELEV: 2	20.00		
	Mr. Bellamy was afrd									
COMPANY:	U.S.G. Survey			COUNTY:		AQUIFER: Pe	e Dee		SCWRC:	03Ra08
CONTACT:	U.S.G. Survey Paul Drews	PHONE:	626-3793	LONGITUDE:	78-40-21	COMP. D	EPTH: 11	10	USE:	OB ·
ADDRESS:	507 28th Avenue North	h ·		LATITUDE:	33-49-27	DRILL D	EPTH: 11	10	YIELD:	-1
	Myrtle Beach,, SC 29	577		DISTANCE:	3.06 MILES	SSE	ELEV:	0.00		
REMARKS:	Test Hole.					LOCATION: Myrtle	Beach			
COMPANY:	U.S.G. Survey			COUNTY:		AQUIFER:			SCWRC:	03Ra09
CONTACT:	Paul Drews	PHONE:	626-3793	LONGITUDE:	78-45-91	COMP. D	EPTH: 11	LO	USE:	ОВ
ADDRESS:	507 28th Avenue North	h		LATITUDE:	33-49-91	DRILL D	EPTH: 11	LO	YIELD:	
	Myrtle Beach,, SC 29	577		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	Not much information	in the	file; test	hole.		LOCATION: Hillsi	de Drive			
COMPANY:	U.S.G. Survey			COUNTY:		AQUIFER: Sh	allow		SCWRC:	03Ra10
CONTACT:	Paul Drews	PHONE:	626-3793	LONGITUDE:	78-45-91	COMP. D	EPTH: 13	35	USE:	ОВ
ADDRESS:	507 28th Avenue North	h		LATITUDE:	33-49-91	DRILL D	EPTH: 13		YIELD:	
	Myrtle Beach,, SC 29	577		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		

LOCATION: Myrtle Beach

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REMARKS:

#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

## SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

#### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	U.S.G. Survey		COUNTY:		AQUIFER:	SCWRC: 03Ra11
CONTACT:	Paul Drews PHONE:	626-3793	LONGITUDE:	78-40-19	COMP. DEPTH: 90	USE: OB
ADDRESS:	507 28th Avenue North		LATITUDE:	33-49-21	DRILL DEPTH: 100	YIELD: -1
	Myrtle Beach,, SC 29577		DISTANCE:	3.18 MILES	SSE ELEV: 10.00	
REMARKS:	Test Hole.				LOCATION: Myrtle Beach	
COMPANY:	Gator Hole Golf Cour		COUNTY:		AQUIFER: Shallow	SCWRC: 03Ra12
CONTACT:	C. Tilghman PHONE:	249-3543	LONGITUDE:	78-40-12	COMP. DEPTH: 15	USE: GC
ADDRESS:	P.O. Box 154		LATITUDE:	33-49-34	DRILL DEPTH: 15	YIELD: 900
	North Myrtle Be, SC 29582		DISTANCE:	2.97 MILES	DRILL DEPTH: 15 SSE ELEV: 0.00	
REMARKS:					LOCATION: Between 7th & 8th gr	
COMPANY:	City of N. Myrtle B.		COUNTY:		AQUIFER: Black Creek COMP. DEPTH: 627	SCWRC: 03Ra13
CONTACT:	Ralph Norris PHONE:	249-0222	LONGITUDE:	78-40-23	COMP. DEPTH: 627	USE: WS
ADDRESS:	1015 2nd Avenue South		LATITUDE:	33-49-18	DRILL DEPTH: 668	YIELD: 650
	North Myrtle Be, SC 29582		DISTANCE:	3.21 MILES	SSE ELEV: 1.00	
REMARKS:					LOCATION: 280' NE of Main St.	& hwy 525
COMPANY:	City of N. Myrtle B.		COUNTY:		AQUIFER: Black Creek	SCWRC: 03Rb01
CONTACT:	Ralph Norris PHONE:	249-0222	LONGITUDE:	78-41-06	COMP. DEPTH: 702	USE: WS
ADDRESS:					DRILL DEPTH: 769	YIELD: 500
	North Myrtle Be, SC 29582		DISTANCE:	2.70 MILES	SSE ELEV: 20.00	
REMARKS:	First Avenue and Bay Street.	•			LOCATION: 800' W. 1st Ave & Ba	y Street
					AQUIFER: Black Creek	
CONTACT:	Ralph Norris PHONE:	249-0222	LONGITUDE:	78-41-54	COMP. DEPTH: 710	USE: WS
	1015 2nd Avenue South		LATITUDE:	33-49-00	DRILL DEPTH: 750	YIELD: 500
	North Myrtle Be, SC 29582		DISTANCE:	3.50 MILES	SSW ELEV: 20.00	

LOCATION: 800' NW 13th Ave. S.&Belle Dr.

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## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE
THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: City of N. Myrtle B. COUNTY: AOUIFER: SCWRC: 03R--b03 CONTACT: Ralph Norris PHONE: 249-0222 LONGITUDE: 78-41-23 COMP. DEPTH: 44 USE: AB ADDRESS: 1015 2nd Avenue S. LATITUDE: 33-49-18 DRILL DEPTH: 50 YIELD: -1 N. Myrtle Beach, SC 29582 DISTANCE: 3.11 MILES SSW ELEV: 20.00 REMARKS: No construction data is available on this well. LOCATION: N. Myrtle Beach COMPANY: U.S.G. Survey COUNTY: AOUIFER: SCWRC: 03R--b04 CONTACT: Paul Drews PHONE: 626-3793 LONGITUDE: 78-41-54 COMP. DEPTH: 100 USE: OB ADDRESS: 507 28th Avenue North LATITUDE: 33-49-01 DRILL DEPTH: 100 YIELD: -1 Myrtle Beach,, SC 29577 DISTANCE: 3.49 MILES SSW ELEV: 0.00 REMARKS: Not much information in file. Casing diameter is 2" LOCATION: N. Myrtle Beach COMPANY: Beachwood Golf Club COUNTY: AQUIFER: SCWRC: 03R--c01 CONTACT: H. L. Bellamy PHONE: 272-5384 LONGITUDE: 78-42-18 COMP. DEPTH: 70 USE: IR ADDRESS: 1520 Highway 17 South LATITUDE: 33-49-10 DRILL DEPTH: 70 YIELD: -1 DISTANCE: 3.41 MILES SSW N. Myrtle Beach, SC 29582 ELEV: 20.00 REMARKS: Used water frm AlWW Irr. fr. ponds clubhouse. Open hole LOCATION: Beachwood Golf Club COMPANY: Possum Trot Golf Clu COUNTY: AQUIFER: Pee Dee SCWRC: 03R--c02 CONTACT: Frederick Gore LONGITUDE: 78-42-01 PHONE: 272-5341 COMP. DEPTH: 135 USE: GC ADDRESS: P.O. Box 297 LATITUDE: 33-49-39 DRILL DEPTH: 200 YIELD: 525 North Myrtle Be, SC 29582 DISTANCE: 2.80 MILES SSW ELEV: 20.00 REMARKS: Previous owners had no records available on well; PWL 35. LOCATION: 2050' fr. Pos. Trot Club House COMPANY: Possum Trot G.C. COUNTY: AOUIFER: SCWRC: 03R--c03 CONTACT: Fred Gore LONGITUDE: 78-42-01 PHONE: 272-5341 COMP. DEPTH: 0 USE: WS ADDRESS: P.O. Box 297 LATITUDE: 33-49-30 DRILL DEPTH: 0 YIELD: -1 N. Myrtle Beach, SC 29582 DISTANCE: 2.97 MILES SSW ELEV: 20.00

LOCATION: N. Myrtle Beach

NOTE: LATITUDES OR LONGITUDES ENDING IN 95 ARE ONLY ACCURATE TO WITHIN 5 MINUTES.

LATITUDES OR LONGITUDES ENDING IN 91 ARE ONLY ACCURATE TO WITHIN 1 MINUTE.

REMARKS: Used for bathrooms on the golf course; Produce approx.12gpm

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## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

## BUREAU OF SOLID & HAZARDOUS WASTE

## SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

#### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Beachwood Golf Club	COUNTY:		AQUIFER:	SCWRC: 03Rc04
CONTACT:	H. L. Bellamy PHONE: 2				
ADDRESS:	1520 Highway 17 South	LATITUDE:	33-49-13	DRILL DEPTH: 130	YIELD: 100
	1520 Highway 17 South North Myrtle Be, SC 29582	DISTANCE:	3.42 MILES SSW	W ELEV: 0.00	)
	4" diameter in casing.			OCATION: 510' from the 6th t	
	Possum Trot Golf Clu	COUNTY:		AQUIFER: Shallow	SCWRC: 03Rc05
CONTACT:	Fred Gore PHONE: 2	272-5341 LONGITUDE:	78-42-06	COMP. DEPTH: 15	USE: GC
ADDRESS:	P.O. Box 297	LATITUDE:	33-49-18	DRILL DEPTH: 15	YIELD: 525
	P.O. Box 297 North Myrtle Be, SC 29582	DISTANCE:	3.21 MILES SSW	W ELEV: 0.00	
REMARKS:				OCATION: Between the 4th & 1	18th greens
COMPANY:	Leo Bourne	COUNTY:		AQUIFER: Black Creek	SCWRC: 03Rd01
CONTACT:	PHONE: 3	399-6653 LONGITUDE:	78-44-08	COMP. DEPTH: 364	USE: DO
	Highway 90		33-49-46	DRILL DEPTH: 364	YIELD: -1
	N. Myrtle Beach, SC	DISTANCE:	3.78 MILES WSW	W ELEV: 20.00	)
REMARKS:		•	LO	DCATION: Wampee Section high	way 90
COMPANY:	Leo Bourne			AQUIFER: Black Creek	
CONTACT:	PHONE: 3	399-6653 LONGITUDE:	78-43-12	COMP. DEPTH: 537	USE: DO
ADDRESS:	Highway 90			DRILL DEPTH: 550	YIELD: -1
	N. Myrtle Beach, SC				
REMARKS:	Strange odor. Pots turned bla	ack. Date completed 1965	. LO	DCATION: Wampee section; hig	phway 90
	City of N. Myrtle B.				SCWRC: 03Rg01
CONTACT:	Ralph Norris PHONE: 2				USE: WS
ADDRESS:				DRILL DEPTH: 600	YIELD: 500
	North Myrtle Be, SC 29582	DISTANCE:	3.93 MILES SSW	# ELEV: 20.00	)
REMARKS:	On the extension of Deer Stre	eet.	LO	OCATION: NE of NMB Airport	

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REMARKS: POND.

## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

## SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

#### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

CONTACT:	Ralph Norris	PHONE: 249-0222	LONGITUDE:	78-42-20		COMP. DEPTH:	612	USE:	WS
REMARKS:	Used only for emerge	encies due to high chi	loride conte	nt.	LOCATION:	N. Myrtle Be	each		
COMPANY:	Azalea Sands G.C.		COUNTY:		AQU]	FER:		SCWRC:	03Rh02
CONTACT:	Jay J. Rabon	PHONE: 272-6446	LONGITUDE:	78-42-48		COMP. DEPTH:	0	USE:	
ADDRESS:	2100 Highway 17 Nort	:h	LATITUDE:	33-48-37		DRILL DEPTH:	0	YIELD:	-1
	Myrtle Beach,, SC 29	:h 9582	DISTANCE:	4.16 MILES	SSW	ELEV:	20.00		
		no records, but believe							
CONTACT:	Joedit Rabon	PHONE: 272-6446	LONGITUDE:	78-42-43		COMP. DEPTH:	380	USE:	GC
ADDRESS:	2100 Highway 17 Nort	:h	LATITUDE:	33-48-47		DRILL DEPTH:	404	YIELD:	135
	Myrtle Beach, SC 295	ch 582	DISTANCE:	3.96 MILES	SSW	ELEV:	20.00		
REMARKS:	North of the Pump Ho	ouse.				Azalea Sands			
COMPANY:	Beachwood Golf Club		COUNTY:		AQUI	FER: Shallow		SCWRC:	03Rh05
CONTACT:	H. L. Bellamy	PHONE: 272-5384	LONGITUDE:	78-42-21	_	COMP. DEPTH:	130	USE:	GC
	1520 Highway 17 Sout								
		29582					0.00		
	POND; casing dia. 4"					Between 5th	& 6th fa	irways	
COMPANY:	Azalea Sands G.C.		COUNTY:		AOUT	FER: Shallow		SCWRC:	03Rh06
		PHONE: 272-6446							
ADDRESS:	2100 Highway 17 Nort	:h	LATITUDE:	33-48-47		DRILL DEPTH:	15		
	Myrtle Beach, SC 295	:h :82	DISTANCE:	3.96 MILES	SSW	ELEV:	0.00		
		<del></del>			~~"		0.00		

LOCATION: Between 13th and 14th fairways

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# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

## SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

#### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY.	U.S.C. Survey		COLINTY		MOUTEED.			cowna.	03Db07
COMPANI:	U.S.G. Survey Paul Drews PHON	. 626 2702	COUNTY:	70 43 00	AQUIFER:	DEPTH:			
ADDDESS.	507 28th Avenue North	2: 020-3/93	LONGITUDE:	70-43-00	COMP.	DEPIN:	150	USE:	1
ADDRESS:	Muntle Reach SG		DATITUDE:	33-49-10	DKILL	DEPIH:	20.00	ITELD:	-1
DEVADEC.	Myrtle Beach,, SC Well diameter 2"		DISTANCE:	3.6/ MILES	SSW			4_	
REMARKS:	well diameter 2"				LOCATION: N. M	ALCIE RE	acn Airp	ort	
COMPANY:	U.S.G. Survey		COUNTY:		AQUIFER:			scwrc:	03Rh08
CONTACT:	Paul Drews PHON	E: 626-3793			COMP.				
ADDRESS:	507 28th Avenue North		LATITUDE:	33-49-00	DRILI	DEPTH:	100	YIELD:	-1
	Myrtle Beach,, SC 29577				SSW		20.00		
REMARKS:	Well 2"				LOCATION: N. M	yrtle Be	ach; Aza	lea GC	
govpany.	W G G G G G G G G G G G G G G G G G G G				3.007.000				025 100
	U.S.G. Survey		COUNTY:	70 40 00	AQUIFER:		100	SCWRC:	03Rh09
	Paul Drews PHON								
	507 28th Avenue North				DRILL		100	YIELD:	-1
	Myrtle Beach,, SC 29577		DISTANCE:	4.08 MILES	SSW		20.00		
REMARKS:	Test well use only.				LOCATION: N. M	yrtle Be	ach		
COMPANY:	U.S.G. Survey		COUNTY:		AQUIFER:			SCWRC:	03Rh10
CONTACT:	Paul Drews PHON	E: 626-3793			COMP.				
ADDRESS:	507 28th Avenue North		LATITUDE:	33-48-26	DRILL	DEPTH:	100	YIELD:	-1
	Myrtle Beach,, SC 29577				S <b>SW</b>		0.00		
	Well diameter 2"				LOCATION: 17th	Ave. S.	& Perri	n Drive	
G0VD1111						<b></b>			
	City of N. Myrtle B.				AQUIFER:				
	Ralph Norris PHON								
	1015 2nd Avenue South			33-48-34		DEPTH:		YIELD:	650
	North Myrtle Be, SC 29582		DISTANCE:	4.07 MILES	SSW		0.00		
REMARKS:	Well name #12 crescent be	ich.			LOCATION: 210'	SE of 18	Bth Ave.	& Edge	Dr

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REMARKS:

## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

## SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

#### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	City of N. Myrtle B.	COUNTY:	AQUIFER: Black Creek	SCWRC: 03Ri01
CONTACT:	Ralph Norris PHONE: 249-0222	LONGITUDE: 78-41-10	COMP. DEPTH: 561	USE: WS
ADDRESS:	1015 2nd Aveneu South	LATITUDE: 33-48-59	DRILL DEPTH: 601	YIELD: 250
	North Myrtle Be, SC 29582	DISTANCE: 3.47 MILES	S SSE ELEV: 25.00	
REMARKS:	Well name #4 9th Avenue & Hillside.		LOCATION: 9th Avenue and Hills	side NMB
COMPANY:	Dunes Develpmt Corp.	COUNTY:	AQUIFER: Pee Dee	SCWRC: 02Qy11
CONTACT:	Victor Cashwell PHONE: 249-5481	LONGITUDE: 78-39-33	COMP. DEPTH: 160	USE: LI
	211 N. Kings Highway N. Myrtle Beach, SC 29582	DISTANCE: 2.53 MILES	S SSE ELEV: 20.00	
	Applied for class-a permit; did not ne			
	• •			
COMPANY:	U.S.G. Survey	COUNTY:	AQUIFER:	SCWRC: 02Re05
CONTACT:	Paul Drews PHONE: 626-3793	LONGITUDE: 78-39-38	COMP. DEPTH: 154	USE: OB
ADDRESS:	507 28th Avenue North Myrtle Beach,, SC	LATITUDE: 33-49-53	DRILL DEPTH: 154	YIELD: 656
	Myrtle Beach,, SC	DISTANCE: 2.89 MILES	SSE ELEV: -1.00	
REMARKS:	PWL 21.7.		LOCATION: Surf Golf & Beach Cl	ub
COMPANY:	U.S.G. Survey	COUNTY:	AQUIFER:	SCWRC: 02Re06
CONTACT:	Paul Drews PHONE: 626-3793	LONGITUDE: 78-39-41	COMP. DEPTH: 110	USE: OB
	507 28th Avenue North			
	Myrtle Beach,, SC 29577			
REMARKS:	Well was used as obs. well for aquifer	test at well 2R-e7.	LOCATION: Myrtle Beach	
	-		<del>-</del>	
COMPANY:	Eastport Golf Club	COUNTY:	AQUIFER: Shallow	SCWRC: 02Qr06
CONTACT:	Mark Rohdenburg PHONE: 249-3997	LONGITUDE: 78-37-36	COMP. DEPTH: -1	USE: GC
ADDRESS:	P.O. Box 300	LATITUDE: 33-51-57	DRILL DEPTH: -1	YIELD: 1008
	P.O. Box 300 N. Myrtle Beach, SC 29597	DISTANCE: 3.51 MILES	ESE ELEV: 15.00	
	-			

LOCATION: 200' NW of 13th hole

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# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

## BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Southern Land & Golf		COUNTY:		AQUIFER:			SCWRC:	02Qr07
CONTACT:	Steven L. Long PHONE	: 803-249-1403	LONGITUDE:	78-37-23	COMP.	DEPTH:	-1	USE:	GC
ADDRESS:	P.O. Drawer 3707	,	LATITUDE:	33-51-18	DRILL	DEPTH:	-1		65
	North Myrtle Bc, SC 29597						-1.00		
REMARKS:	_				LOCATION: East		driving	range.	
COMPANY:	Southern Land & Golf		COUNTY:		AQUIFER:			SCWRC:	02Qr08
CONTACT:	Southern Land & Golf Steven L. Long PHONE	: 803-249-1403	LONGITUDE:	78-37-12	COMP.	DEPTH:	-1	USE:	GC
ADDRESS:	P.O. Drawer 3707		LATITUDE:	33-51-20	DRILL	DEPTH:		YIELD:	
	P.O. Drawer 3707 North Myrtle Bc, SC 29597		DISTANCE:	3.97 MILES	ESE	ELEV:			
REMARKS:	•				LOCATION: EAST	OF TEE	<i>‡</i> 10.		
COMPANY:	Southern Land & Golf		COUNTY:		AQUIFER:			SCWRC:	02Qr09
CONTACT:	Steven L. Long PHONE	803-249-1403	LONGITUDE:	78-37-09	COMP.	DEPTH:	-1	USE:	GC
	P.O. Drawer 3707							YIELD:	63
	North Myrtle Bc, SC 29597		DISTANCE:	4.00 MILES	ESE	ELEV:	-1.00		
REMARKS:	•				LOCATION: BETW	EEN TEES	#10 AN	⊅ <b>#</b> 16.	
COMPANY:	Southern Land & Golf		COUNTY:		AQUIFER:			SCWRC:	02Qr10
CONTACT:	Steven L. Long PHONE	803-249-1403	LONGITUDE:	78-37-12	COMP.	DEPTH:	-1	USE:	GC
ADDRESS:	P.O. Drawer 3707		LATITUDE:	33-51-16	DRILL	DEPTH:	-1	YIELD:	43
	North Myrtle Bc, SC 29597		DISTANCE:	3.98 MILES	ESE	ELEV:	-1.00		
REMARKS:	<u>-</u>				LOCATION: WEST	SIDE OF	FAIRWAY	<b>#10.</b>	
COMPANY:	Southern Land & Golf		COUNTY:		AQUIFER:			SCWRC:	02Qr11
CONTACT:	Steven L. Long PHONE	803-249-1403	LONGITUDE:	78-37-08	COMP.	DEPTH:	-1	USE:	GC
ADDRESS:	P.O. Drawer 3707		LATITUDE:	33-51-34	DRILL	DEPTH:	-1	YIELD:	
	North Myrtle Bc, SC 29597					ELEV:	-1.00		
REMARKS:	-				LOCATION: BTW.	FAIRWAY	#16 & EAS	ST.PROP.	LN

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## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

# SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

#### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Southern Land & Golf			COUNTY:		AQUIFER:			SCWRC:	02Qr12
CONTACT:	Steven L. Long	PHONE:	803-249-1403	LONGITUDE:	78-37-03	COMP.	DEPTH:	-1	USE:	GC
ADDRESS:	P.O. Drawer 3707			LATITUDE:	33-51-27	DRILL	DEPTH:	-1	YIELD:	
	P.O. Drawer 3707 North Myrtle Bc, SC 2	9597		DISTANCE:	4.08 MILES	ESE	ELEV:	-1.00		
REMARKS:						LOCATION: BTW.			ROPERTY	LN
COMPANY:	Southern Land & Golf Steven L. Long			COUNTY:		AQUIFER:			SCWRC:	02Qr13 (
CONTACT:	Steven L. Long	PHONE:	803-249-1403	LONGITUDE:	78-36-59	COMP.	DEPTH:	-1	USE:	GC
ADDRESS:	P.O. Drawer 3707			LATITUDE:	33-51-18	DRILL	DEPTH:	-1		
	P.O. Drawer 3707 North Myrtle Bc, SC 2	9597		DISTANCE:	4.18 MILES	ESE	ELEV:	-1.00		
REMARKS:						LOCATION: BTW.			ST.PROP	.LN
COMPANY:	Southern Land & Golf			COUNTY:		AQUIFER:			SCWRC:	02Qr14
CONTACT:	Steven L. Long	PHONE:	803-249-1403	LONGITUDE:	78-37-04	COMP.	DEPTH:	-1	USE:	
ADDRESS:	P.O. Drawer 3707			LATITUDE:	33-51-08	DRILL	DEPTH:	-1	YIELD:	25
	P.O. Drawer 3707 North Myrtle Bc, SC 2	9597		DISTANCE:	4.14 MILES	ESE	ELEV:	-1.00		
REMARKS:						LOCATION: BTW.			RPASS.	
COMPANY:	Southern Land & Golf		•	COUNTY:		AQUIFER:			SCWRC:	02Qr15
CONTACT:	Steven L. Long	PHONE:	803-249-1403	LONGITUDE:	78-37-19	COMP.	DEPTH:	-1	USE:	GC
ADDRESS:	P.O. Drawer 3707			LATITUDE:	33-51-17	DRILL	DEPTH:	-1	YIELD:	1970
	P.O. Drawer 3707  North Myrtle Bc, SC 2	9597		DISTANCE:	3.87 MILES	ESE	ELEV:	-1.00		
REMARKS:						LOCATION: PUMP	HOUSE A	AT LAKE #	1.	
COMPANY.	Southern Land & Golf			COUNTY.		MOUTEED.	Baabaa		SCWDC.	02016
CONTACT:	Steven L. Long	DHONE.	803-249-1403	TONCITUDE.	79-27-16	COMP	nepru.	520	SCHRC:	020
	P.O. Drawer 3707								YIELD:	460
	North Myrtle Bc, SC 2	7 <b>37</b> /		DISTANCE:	3.92 MILES					
REMARKS:						LOCATION: NEAR	PUMP HC	DUSE AT LA	AKE #1	

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REMARKS:

## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

## SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

## THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Southern Land & Golf		COUNTY:			AQUIFER: Peedee		scwrc:	02Qr17
CONTACT:	Steven L. Long PHONE:	803-249-1403	LONGITUDE:	78-37-13		COMP. DEPTH:	33	USE:	GC
ADDRESS:	P.O. Drawer 3707		LATITUDE:	33-51-42		DRILL DEPTH:	33	YIELD:	18
-	P.O. Drawer 3707 North Myrtle Bc, SC 29597		DISTANCE:	3.89 MILES	ESE	ELEV:	-1.00		
REMARKS:						ATION: Between Fair			
					2001	illow. Between rull	.way 10 a	Duscit	COP
COMPANY:	Southern Land & Golf		COUNTY:			AQUIFER: Peedee		SCWRC:	02Qr18
CONTACT:	Steven L. Long PHONE:	803-249-1403	LONGITUDE:	78-37-25		COMP. DEPTH:	44	USE:	GC
ADDRESS:	P.O. Drawer 3707		LATITUDE:			DRILL DEPTH:		YIELD:	
	North Myrtle Bc, SC 29597		DISTANCE:	3.74 MILES			-1.00		
REMARKS:	•					ATION:			
COMPANY:	NMB LIBRARY		COUNTY:			AQUIFER: PEEDEE		SCWRC:	03Ra14
CONTACT:	PHONE:	626-1370	LONGITUDE:	78-40-44		COMP. DEPTH:	78	USE:	IR
ADDRESS:	2ND AVE. N.		LATITUDE:	33-49-34		DRILL DEPTH:	-1	YIELD:	40
	NMB, SC 29578		DISTANCE:	2.84 MILES	SSE	ELEV:	20.00		
REMARKS:	ALTERNATE PHONE #248-1370.				LOCE	TION: N MYRTLE LIE	RARY 2ND	AVE N	
COMPANY:	Caro-Strand Corporation		COUNTY:	Horry		AQUIFER:		SCWRC:	26GC02G05
CONTACT:	PHONE:		LONGITUDE:	78-39-36		COMP. DEPTH:	0	USE:	
ADDRESS:	P.O. Box 240		LATITUDE:			DRILL DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 29597		DISTANCE:	1.68 MILES			0.00		
REMARKS:	•					ATION:			
COMPANY:	Azalea Sand Golf Club		COUNTY:	Horry		AQUIFER:		SCWRC:	26GC01G01
CONTACT:	PHONE:		LONGITUDE:	78-42-43		COMP. DEPTH:	0	USE:	
ADDRESS:	2100 Highway 17 N		TATITUDE.				0	YIELD:	0
	Myrtle Beach, SC 29582		DISTANCE:	3.96 MILES	SSW	ELEV:	0.00		
	<del>-</del>								

LOCATION:

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## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

## SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

#### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Azalea Sand Golf Club	COUNTY:	Horry	AQUIFER:			SCWRC:	26GC01G02
CONTACT:	PHONE:	LONGITUDE:	78-42-43	COMP.	DEPTH:	0	USE:	
ADDRESS:	2100 Highway 17 N.	LATITUDE:	33-48-47	DRILL	DEPTH:	0	YIELD:	0
	Myrtle Beach, SC 29582		3.96 MILES	SSW	ELEV:	0.00		
REMARKS:	- ·			LOCATION:				
COMPANY:	Caro-Strand Corporation	COUNTY:	Horry	AQUIFER:			SCWRC:	26GC02G01
CONTACT:	PHONE:	LONGITUDE:	78-39-35	COMP.	DEPTH:	0	USE:	
ADDRESS:	P.O. Box 240	LATITUDE:	33-52-04	DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 29597	DISTANCE:	1.60 MILES	ENE -	ELEV:	0.00		
REMARKS:				LOCATION:				
COMPANY:	Caro-Strand Corporation	COUNTY:	Horry	AQUIFER:			SCWRC:	26GC02G02
CONTACT:	PHONE:	LONGITUDE:	78-39-40	COMP.	DEPTH:	0	USE:	
ADDRESS:	P.O. Box 240	LATITUDE:	33-51-53	DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 29597	DISTANCE:	1.53 MILES	ESE	ELEV:	0.00		
REMARKS:				LOCATION:				
COMPANY:	Caro-Strand Corporation	COUNTY:	Horry	AQUIFER:			SCWRC:	26GC02G03
CONTACT:	PHONE:	LONGITUDE:	78-39-37	COMP.	DEPTH:	0	USE:	
ADDRESS:	P.O. Box 240	LATITUDE:	33-52-28	DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 29597	DISTANCE:	1.66 MILES	ENE	ELEV:	0.00		
REMARKS:				LOCATION:				1
COMPANY:	Caro-Strand Corporation	COUNTY:	Horry	AQUIFER:			SCWRC:	26GC02G04
CONTACT:	PHONE:	LONGITUDE:	78-39-38	COMP.	DEPTH:	0	USE:	
ADDRESS:	P.O. Box 240	LATITUDE:	33-52-21	DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 29597	DISTANCE:	1.60 MILES	ENE	ELEV:	0.00		
REMARKS:				LOCATION:				

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## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

## BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Beachwood Golf Club	COUNTY:	Horry	AQUIFER:		scwrc:	26GC03G01
CONTACT:	PHO	NE: LONGITUDE:	78-42-30	COMP.	DEPTH: 0	USE:	
ADDRESS:	1520 Highway 17 South	LATITUDE:	33-49-13	DRILL	DEPTH: 0	YIELD:	0
	N. Myrtle Beach, SC 29582	DISTANCE:	3.42 MILES	SSW	ELEV: 0.00		
REMARKS:				LOCATION:			
COMPANY:	Beachwood Golf Club	COUNTY:	Horry	AQUIFER:		SCWRC:	26GC03G02
CONTACT:	PHO	NE: LONGITUDE:	78-42-21	COMP.	DEPTH: 0	USE:	
ADDRESS:	1520 Highway 17 South		33-48-59	DRILL	DEPTH: 0	YIELD:	0
	N. Myrtle Beach, SC 29582	DISTANCE:	3.62 MILES S	SSW	ELEV: 0.00		
REMARKS:				LOCATION:			
COMPANY:	Robbers Roost Golf Course	COUNTY:	Horry	AQUIFER:		SCWRC:	26GC08G01
CONTACT:	PHON			COMP.		USE:	
ADDRESS:	P.O. Box 68		33-50-30	DRILL	DEPTH: 0	YIELD:	0
	N. Myrtle Beach, SC 29582			ESE	ELEV: 0.00		
REMARKS:				LOCATION:			
COMPANY:	Possum Trot Golf Club	COUNTY:	Horry	AQUIFER:		SCWRC:	26GC10G01
CONTACT:	PHON					USE:	
ADDRESS:	Post Office Box 297	LATITUDE:	33-49-30	DRILL 1	DEPTH: 0	YIELD:	0
	N. Myrtle Beach, SC 29582	DISTANCE:	2.99 MILES S	SSW	ELEV: 0.00		
REMARKS:				LOCATION:			
COMPANY:	Possum Trot Golf Club	COUNTY:	Horry	AQUIFER:		SCWRC:	26GC10G02
CONTACT:	PHON					USE:	
ADDRESS:	Post Office Box 297	LATITUDE:	33-49-18	DRILL 1	DEPTH: 0	YIELD:	0
	N. Myrtle Beach, SC 29582			SSW			
REMARKS:				LOCATION:			

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# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

# SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

## THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Surf Golf & Beach Club	COUNTY:	Horry	AQUIFER:		SCWRC:	26GC13G01
CONTACT:	PHONE:	LONGITUDE:	78-39-05	COMP. DEPTH:	0	USE:	
ADDRESS:	Post Office Box 47	LATITUDE:	33-50-11	DRILL DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 29597	DISTANCE:	2.95 MILES S	SE ELEV:	0.00		
REMARKS:			1	LOCATION:			
COMPANY:	Surf Golf & Beach Club	COUNTY:	Horry	AQUIFER:		SCWRC:	26GC13G02
CONTACT:	PHONE:	LONGITUDE:	78-39-38	COMP. DEPTH:	0		
	Post Office Box 47		33-49-53	DRILL DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 29597	DISTANCE:	2.89 MILES S	SE ELEV:	0.00		
REMARKS:			1	LOCATION:			
COMPANY:	Surf Golf & Beach Club	COUNTY:	Horry	AQUIFER:		scwrc:	26GC13G03
CONTACT:				COMP. DEPTH:	0	USE:	
ADDRESS:	Post Office Box 47	LATITUDE:	33-50-12	DRILL DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 29597	DISTANCE:	2.95 MILES ES	SE ELEV:	0.00		
REMARKS:			1	LOCATION:			
COMPANY:	Surf Golf & Beach Club	COUNTY:	Horry	AQUIFER:		scwrc:	26GC13G04
CONTACT:	PHONE:	LONGITUDE:	78-39-40	COMP. DEPTH:	0	USE:	
-	Post Office Box 47		33-49-54	DRILL DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 29597	DISTANCE:	2.85 MILES SS	SE ELEV:	0.00		
REMARKS:			I	LOCATION:			(
COMPANY:	Surf Golf & Beach Club	COUNTY:	Horry	AQUIFER:		scwrc:	26GC13G05
CONTACT:	PHONE:	LONGITUDE:	78-39-11	COMP. DEPTH:		USE:	
ADDRESS:	Post Office Box 47			DRILL DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 29597	DISTANCE:	3.20 MILES SS	SE ELEV:	0.00		
REMARKS:			I	LOCATION:			

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## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

CONTACT: ADDRESS:	Surf Golf & Beach Clu Post Office Box 47 N. Myrtle Beach, SC 2	PHONE:	LONGITUDE:			COMP. DRILL	DEPTH: DEPTH:	0 0 0.00		26GC13G06 0
REMARKS:					LOCAT	CION:				
	The Gator Hole Golf (									26GC16G01(
CONTACT:		PHONE:						0	USE:	
	Post Office Box 154			33-49-30				0	YIELD:	0
	N. Myrtle Beach, SC 2	29582	DISTANCE:	3.06 MILES	SSE		ELEV:	0.00		
REMARKS:					LOCAT	'ION:				
COMPANY:	The Gator Hole Golf (	<del></del>							SCWRC:	26GC16G02
CONTACT:		PHONE:	LONGITUDE:	78-40-13		COMP.	DEPTH:	0	USE:	
	Post Office Box 154			33-49-32		DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 2	29582	DISTANCE:	3.00 MILES	SSE		ELEV:	0.00		
REMARKS:					LOCAT	ION:				
COMPANY:	The Maritime Corp.,	lba C	COUNTY:	Horry		AQUIFER:			SCWRC:	26GC24G01
CONTACT:		PHONE:	LONGITUDE:	78-37-18		COMP.	DEPTH:	0	USE:	
ADDRESS:	P. O. Box 209		LATITUDE:	33-52-28		DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 2	29597	DISTANCE:	3.83 MILES	ENE		ELEV:	0.00		
REMARKS:					LOCAT	ION:				<u>(</u>
COMPANY:	Cherry Grove Golf Cor	rpora	COUNTY:	Horry		AQUIFER:			scwrc:	26GC25G01
CONTACT:		PHONE:						0	USE:	
ADDRESS:	Post Office Box 746		LATITUDE:	33-52-38		DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 2			2.24 MILES				0.00		
REMARKS:					LOCAT	ION:				

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# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

## SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

#### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	City of North Myrtle Beac PHONE:			AQUIFER: COMP. DEPTH:		SCWRC:	26WS01G01
	1015 2nd Avenue South					YIELD:	
noon boot	N. Myrtle Beach, SC 29582	DISTANCE:	3.33 MILES	ESE ELEV:		TILDD.	Ū
REMARKS:		<i>D151</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	3.33 MIDDS	LOCATION:	0.00		
	City of North Myrtle Beac					scwrc:	26WS01G03 (
CONTACT:	PHONE:	LONGITUDE:	78-40-11	COMP. DEPTH:	0	USE:	
	1015 2nd Avenue South		33-50-20	DRILL DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 29582	DISTANCE:	2.17 MILES	SSE ELEV:	0.00		
REMARKS:				LOCATION:			
COMPANY:	City of North Myrtle Beac					scwrc:	26WS01G04
CONTACT:	PHONE:	LONGITUDE:	78-41-06	COMP. DEPTH:	0	USE:	
	1015 2nd Avenue South		33-49-39	DRILL DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 29582	DISTANCE:	2.70 MILES	SSE ELEV:	0.00		
REMARKS:				LOCATION:			
COMPANY:	City of North Myrtle Beac	COUNTY:	Horry	AQUIFER:		SCWRC:	26WS01G05
CONTACT:	PHONE:			COMP. DEPTH:		USE:	
	1015 2nd Avenue South		33-49-00	DRILL DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 29582	DISTANCE:	3.50 MILES	SSW ELEV:	0.00		
REMARKS:				LOCATION:			v V
COMPANY:	City of North Myrtle Beac	COUNTY:	Horry	AQUIFER:		SCWRC:	26WS01G07
CONTACT:				COMP. DEPTH:		USE:	
ADDRESS:	1015 2nd Avenue South	LATITUDE:	33-48-55	DRILL DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 29582	DISTANCE:	3.93 MILES	SSW ELEV:	0.00		
REMARKS:				LOCATION:			

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**REMARKS:** 

#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: City of North Myrtl CONTACT:			Horry 78-41-10	AQUIFER:	DEPTH:	0		26WS01G09
	PHONE:			DRILL		0	YIELD:	0
ADDRESS: 1015 2nd Avenue Sou	29582			SSE		0.00	I LELD:	U
REMARKS:	, 29362	DISTANCE:	3.4/ MILES	LOCATION:	ELEV:	0.00		
REMARKS:				LOCATION:				
COMPANY: City of North Myrtl	e Beac	COUNTY:	Horry	AQUIFER:			SCWRC:	26WS01G11 (
CONTACT:	PHONE:	LONGITUDE:	78-40-23	COMP.	DEPTH:	0	USE:	
ADDRESS: 1015 2nd Avenue Sou	ith	LATITUDE:	33-49-18	DRILL	DEPTH:	0	YIELD:	0
N. Myrtle Beach, SC	29582	DISTANCE:	3.21 MILES	SSE	ELEV:	0.00		
REMARKS:				LOCATION:				
	_							
COMPANY: City of North Myrtl			-	AQUIFER:		_		26WS01G12
CONTACT:	PHONE:			COMP.		0		_
ADDRESS: 1015 2nd Avenue Sou				DRILL		0	YIELD:	0
N. Myrtle Beach, SC	29582	DISTANCE:	4.07 MILES	SSW	ELEV:	0.00		
REMARKS:				LOCATION:				
COMPANY: Little River Water	& Sewe	COUNTY:	Horry	AQUIFER:			SCWRC:	26WS06G01
CONTACT:	PHONE:	LONGITUDE:	78-39-25	COMP.	DEPTH:	0	USE:	
ADDRESS: Post Office Box 68		LATITUDE:	33-52-47	DRILL	DEPTH:	0	YIELD:	0
Little River, SC 29	566	DISTANCE:	1.98 MILES	ENE	ELEV:	0.00		
REMARKS:				LOCATION:				
COMPANY: Little River Water	E. Couro	COUNTY.	U. www.	AQUIFER:			CCWDC.	26WS06G02
CONTACT:	PHONE:		78-39-13			0	USE:	ZUNSUOGUZ
						-		0
ADDRESS: Post Office Box 68		LATITUDE:		DRILL		0	YIELD:	0
Little River, SC 29	566	DISTANCE:	2.05 MILES F	ENE	ELEV:	0.00		

LOCATION:

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REMARKS:

## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

## BUREAU OF SOLID & HAZARDOUS WASTE

## SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

## THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: Little River Water & CONTACT: ADDRESS: Post Office Box 68 Little River, SC 295 REMARKS:	PHONE:	LONGITUDE:	Horry 78-39-38 33-51-56 1.56 MILES ESE LOCA	COMP. DEPTH:	0 0 0.00	SCWRC: USE: YIELD:	26WS06G03 0
COMPANY: Little River Water & CONTACT:	Sewe PHONE:		Horry 78-41-59	AQUIFER: COMP. DEPTH:	0	SCWRC:	26WS06G04 (
ADDRESS: Post Office Box 68	PHONE:		33-54-08	DRILL DEPTH:	0	YIELD:	0
Little River, SC 295	66		2.55 MILES NNW	ELEV:	0.00	IIELD:	U
REMARKS:	00	DISTANCE:		TION:	0.00		
COMPANY: Little River Water &	Sewe	COUNTY:	Horry	AQUIFER:		SCWRC:	26WS06G05
CONTACT:	PHONE:	LONGITUDE:	78-41-59	COMP. DEPTH:	0	USE:	
ADDRESS: Post Office Box 68		LATITUDE:	33-54-08	DRILL DEPTH:	0	YIELD:	0
Little River, SC 295	66	DISTANCE:	2.55 MILES NNW	ELEV:	0.00		
REMARKS:			LOCA	TION:			
COMPANY: Grand Strand Water &	Sewe	COUNTY:	Horry	AQUIFER:		scwrc:	26WS09G01
CONTACT:	PHONE:	LONGITUDE:	78-44-17	COMP. DEPTH:	0	USE:	
ADDRESS: Post Office Box 1537		LATITUDE:	33-51-23	DRILL DEPTH:	0	YIELD:	0
Conway, SC 29526		DISTANCE:	3.00 MILES WSW	ELEV:	0.00		

LOCATION:



## MEMORANDUM

TO:

Greg George

Site Screening Section

Division of Site Engineering and Screening Bureau of Solid and Hazardous Waste Management

FROM:

Marion Feagin, Hydrologist

Superfund Section Division of Hydrology

Bureau of Solid and Hazardous Waste Management

DATE:

January 3, 1993

RE:

Old Cherry Grove Landfill (CRE Landfill)

SCD 987 597 432 Horry County

Preliminary Assessment - Hydrogeologic Review

A hydrogeologic review of the referenced site has been conducted to assist in completing a preliminary assessment (PA) for the Superfund program. The purpose of the hydrogeologic review is to provide information regarding the groundwater migration route of potential contaminants. It includes information obtained from South Carolina Water Resources Commission (SCWRC) well tabulations, United States Department of Agriculture (USDA) soil surveys, site specific information from the South Carolina Department of Health and Environmental Control (SCDHEC) files, United States Geological Survey (USGS) topographic quadrangles, and a geologic/hydrogeologic literature review.

According to Pelletier (1985) and a report by Engineering Tectonics, P.A. entitled Report of Investigations CRE Landfill Site, Cherry Grove Beach, South Carolina (dated June, 1990), the following geologic units underlie the site:

<u>Name</u>	Description	Estimated Hydraulic Conductivity	Estimated Depth of Occurrence
Canepatch Formation	Sand, sandy clay, and shelly sand	10 <sup>4</sup> cm/sec	0 - 40 ft.
Pee Dee Formation	Clay with sand and silty sand	10 <sup>-6</sup> cm/sec	40 - 315 ft.

Estimated
Hydraulic
Depth of
Conductivity

Black Creek
Formation

Estimated
Hydraulic
Conductivity
Occurrence

10<sup>4</sup> cm/sec
315 ft. +

Regional hydrogeologic data indicates that the Pee Dee Formation contains a confining unit that exists within a two-mile radius of the site. The confining unit likely restricts the downward vertical migration of groundwater to the principal drinking-water aquifer located in the Black Creek Formation. The referenced facility is not located in an area of karst topography.

Based on water levels in 11 on-site wells, the depth to groundwater ranges between 1 and 4 feet below ground surface. The predominant shallow groundwater flow direction beneath the southeastern portion of the landfill appears to be to the southeast towards a small pond. The predominant shallow groundwater flow direction beneath the remaining portions of the landfill appears to be to the southwest towards a wetlands area.

A well inventory within the four-mile site radius indicates the following uses of groundwater: irrigation, industrial, domestic, and public water supply.

On-site surface soils (0-2 ft.) may be classified as Blanton sand and Leon fine sand exhibiting a high infiltration rate.

cc: Boyd Holt, Waccamaw District

# References Cited:

Engineering Tectonics, P.A., June, 1990, Report of Investigations CRE Landfill Site, Cherry Grove Beach, South Carolina.

Pelletier, A. M., 1985, Groundwater Conditions and Water-Supply Alternatives in the Waccamaw Capacity Use Area South Carolina, SCWRC Report #144.

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Region IV Environmental Services Division College Station Road, Athens, Ga. 30613

\*\*\*\*\*MEMORANDUM\*\*\*\*\*

DATE: 10/08/94

SUBJECT: Results of Purgeable Organic Analysis;

94-0604 OLD CHERRY GROVE LF

NIXON CROS SC CASE NO: 22582

FROM: OCharles E. Hooper Muss.
Chief, Laboratory Evaluation/Quality Assurance Section

TO: JOHN CRISWELL

Attached are the results of analysis of samples collected as part of the subject project.

As a result of the Quality Assurance Review, certain data qualifiers may have been placed on the data. Attached is a DATA QUALIFIER REFORT which explains the reasons that these qualifiers were required.

If you have any questions please contact me.

ATTACHMENT

# ORGANIC DATA QUALIFIER REPORT

Case Number 22582 Project Number 94-0604 Site ID. Old Cherry Grove LF, Nixon Cros, SC

SAS Number

Affected Samples	Compound or Fraction	Flag <u>Used</u>	
<u>Volatiles</u>			
88789,88792, 88793,	4-methyl-2-pentanone tetrachloroethene 1,1,2,2-tetrachloroethat toluene chlorobenzene ethylbenzene styrene xylene carbon disulfide	J J J J J J	low internal standard recovery < quantitation limit
88794,88795, 88796	1,1,1-trichloroethane carbon tetrachloride bromodichloromethane 1,2-dichloropropane trans-1,3-dichloroprope trichloroethene dibromochloromethane 1,1,2-trichloroethane benzene cis-1,3-dichloropropene bromoform 2-hexanone 4-methyl-2-pentanone tetrachloroethene 1,1,2,2-tetrachloroetha toluene chlorobenzene ethylbenzene styrene xylene		low internal standard recovery
88793,88794, 88795	acetone	N	common lab contaminant
<u>Extractables</u>			
88792,88794, 88795,88796	di-n-octylphthalate benzo(b/k)fluoranthene benzo(a)pyrene indeno(1,2,3-cd)pyrene dibenz(a,h)anthracene benzo(g,h,i)perylene	] ] ] ]	low internal standard recovery
88794	fluoranthene	J	< quantitation limit
88795	phenanthrene fluoranthene pyrene	J J	< quantitation limit < quantitation limit < quantitation limit

# <u>Pesticides</u>

None

PURGEABLE ORGANICS DATA REPORT  *** PROJECT NO. 94-0604 SAMPLE NO. 88789 SAMPLE TYPE: SOIL  ** SOURCE: OLD CHERRY GROVE LF  ** STATION ID: 001-SS  *** CASE NO.: 22582 SAS NO.:  *** UG/KG  ANALYTICAL RESULTS  ***  11U CHLOROMETHANE 11U BROMOMETHANE 11U VINYL CHLORIDE 11U CHLOROETHANE 11U CHLOROETHANE 11U CHLOROETHANE 11U CHLOROETHANE 11U CHLOROETHANE 11U ACEIONE 9J CARBON DISULFIDE 11U ACEIONE 11U ACEIONE 11U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 11U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 11U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 11U 1,2-DICHLOROETHENE(TOTAL) 11U METHYL ISOBUTYL KETONE 11U BROMOFORM 11U J.2-DICHLOROETHENE 11U METHYL ISOBUTYL KETONE 11U METHYL ISOBUTYL KETONE
** SOURCE: OLD CHERRY GROVE LF  ** STATION ID: O01-SS  ** CASE NO.: 22582  ** SAS NO.:  ** UG/KG  ** ANALYTICAL RESULTS  ** UG/KG  ** ANALYTICAL RESULTS  ** TIU CHLOROMETHANE  11U BROMOMETHANE  11U VINYL CHLORIDE  11U CHLOROETHANE  11U CHLOROETHANE  11U CHLOROETHANE  11U CHLOROETHANE  11U CHLOROETHANE  11U CHLOROETHANE  11U TRICHLOROETHENE (TRICHLOROETHYLENE)  11U TRICHLOROETHANE  11U DIBROMOCHLOROETHANE  11U DIBROMOCHLOROETHANE  11U TRICHLOROETHANE  11U TRICHLOROETHANE  11U TRANS-1.3-DICHLOROETHANE  11U TRANS-1.3-DICHLOROPROPENE  11U TRANS-1.3-DICHLOROPROPENE  11U TRANS-1.3-DICHLOROETHANE  11U TRANS-1.3-DICHLOROPROPENE  11U METHYL ISOBUTYL KETONE
** SOURCE: OLD CHERRY GROVE LF  ** STATION ID: O01-SS  ** CASE NO.: 22582  ** SAS NO.:  ** UG/KG  ** ANALYTICAL RESULTS  ** UG/KG  ** ANALYTICAL RESULTS  ** TIU CHLOROMETHANE  11U BROMOMETHANE  11U VINYL CHLORIDE  11U CHLOROETHANE  11U CHLOROETHANE  11U CHLOROETHANE  11U CHLOROETHANE  11U CHLOROETHANE  11U CHLOROETHANE  11U TRICHLOROETHENE (TRICHLOROETHYLENE)  11U TRICHLOROETHANE  11U DIBROMOCHLOROETHANE  11U DIBROMOCHLOROETHANE  11U TRICHLOROETHANE  11U TRICHLOROETHANE  11U TRANS-1.3-DICHLOROETHANE  11U TRANS-1.3-DICHLOROPROPENE  11U TRANS-1.3-DICHLOROPROPENE  11U TRANS-1.3-DICHLOROETHANE  11U TRANS-1.3-DICHLOROPROPENE  11U METHYL ISOBUTYL KETONE
** STATION ID: 001-SS  COLLECTION START: 08/24/94 1130 STOP: 00/00/00 **  ** CASE NO.: 22582 SAS NO.: D. NO.: JA02 **  *** UG/KG ANALYTICAL RESULTS  11U CHLOROMETHANE 11U BROMOMETHANE 11U CHLOROMETHANE 11U CHLOROETHANE 11U TRICHLOROETHANE 11U DIBROMOCHLOROETHANE 11U DIBROMOCHLOROETHANE 11U ACETONE 9J CARBON DISULFIDE 11U 1.1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 11U 1.1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 11U 1.2-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 11U METHYL ISOBUTYL KETONE 11UJ METHYL ISOBUTYL KETONE
*** CASE NO.: 22582 SAS NO.: D. NO.: JAO2  ***  UG/KG ANALYTICAL RESULTS  11U CHLOROMETHANE 11U BROMOMETHANE 11U VINYL CHLORIDE 11U CHLOROETHANE 11U CHLOROETHANE 11U CHLOROETHANE 11U CHLOROETHANE 11U CHLOROETHANE 11U CHLOROETHANE 11U TRICHLOROETHANE 11U DIBROMOCHLOROMETHANE 11U ACETONE 11U ACETONE 11U TRANS-1.3-DICHLOROETHANE 11U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 11U 1,1-DICHLOROETHANE 11U 1,2-TRICHLOROETHANE 11U TRANS-1.3-DICHLOROPROPENE 11U 1,1-DICHLOROETHANE 11U TRANS-1.3-DICHLOROPROPENE 11U 1,2-DICHLOROETHANE 11U TRANS-1.3-DICHLOROPROPENE 11U 1,2-DICHLOROETHANE 11U TRANS-1.3-DICHLOROPROPENE 11U 1,2-DICHLOROETHANE 11U TRANS-1.3-DICHLOROPROPENE 11U 1,2-DICHLOROETHANE 11U TRANS-1.3-DICHLOROPROPENE 11U TRANS-1.3-DICHLOROPROPENE
UG/KG ANALYTICAL RESULTS  11U CHLOROMETHANE 11U BROMOMETHANE 11U VINYL CHLORIDE 11U VINYL CHLORIDE 11U CHLOROETHANE 11U CHLOROETHANE 11U ACETONE 11U ACETONE 11U ACETONE 11U ACETONE 11U TRICHLOROETHANE 11U TRANS-1.3-DICHLOROETHANE 11U TRANS-1.3-DICHLOROPROPENE
UG/KG ANALYTICAL RESULTS  11U CHLOROMETHANE 11U BROMOMETHANE 11U VINYL CHLORIDE 11U VINYL CHLORIDE 11U CHLOROETHANE 11U CHLOROETHANE 11U ACETONE 11U ACETONE 11U ACETONE 11U ACETONE 11U TRICHLOROETHANE 11U TRANS-1.3-DICHLOROETHANE 11U TRANS-1.3-DICHLOROPROPENE
11U CHLOROMETHANE 11U BROMOMETHANE 11U VINYL CHLORIDE 11U CHLOROETHANE 11U CHLOROETHANE 11U CHLOROETHANE 11U CHLOROETHANE 11U CHLOROETHANE 11U DIBROMOCHLOROMETHANE 11U ACETONE 11U ACETONE 11U TRANS-1.3-DICHLOROPROPENE 11U 1.1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 11U 1.1-DICHLOROETHANE 11U 1.2-DICHLOROETHANE
11U CİS-1,3-DİCHLOROPROPENE 11U VINYL CHLORIDE 11U CHLOROETHANE 60 METHYLENE CHLORIDE 11U ACETONE 9J CARBON DISULFIDE 11U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 11U 1,2-DİCHLOROETHANE 11U 1,2-DİCHLOROETHENE (TOTAL) 11U 1,2-DİCHLOROETHENE (TOTAL) 11U 1,2-DİCHLOROETHENE (TOTAL) 11U 1,2-DİCHLOROETHENE (TOTAL) 11U METHYL BUTYL KETONE
11U CİS-1,3-DİCHLOROPROPENE 11U VINYL CHLORIDE 11U CHLOROETHANE 60 METHYLENE CHLORIDE 11U ACETONE 9J CARBON DISULFIDE 11U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 11U 1,2-DİCHLOROETHANE 11U 1,2-DİCHLOROETHENE (TOTAL) 11U 1,2-DİCHLOROETHENE (TOTAL) 11U 1,2-DİCHLOROETHENE (TOTAL) 11U 1,2-DİCHLOROETHENE (TOTAL) 11U METHYL BUTYL KETONE
11U VINYL CHLORÎDE 11U CHLOROETHANE 11U CHLOROETHANE 60 METHYLENE CHLORIDE 11U ACETONE 11U ACETONE 11U ACETONE 11U TRÎCHLOROETHANE 11U BÉNZENE 11U TRANS-1.3-DICHLOROPROPENE 11U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 11U 1,1-DICHLOROETHANE 11U 1,2-DICHLOROETHANE 11U 1,2-DICHLOROETHENE (TOTAL) 11UJ METHYL BUTYL KETONE
11U DIBROMOCHLOROMETHANE 60 METHYLENE CHLORIDE 11U ACETONE 11U ACETONE 11U BENZENE 11U TRANS-1.3-DICHLOROPROPENE 11U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 11U 1,1-DICHLOROETHANE 11U 1,2-DICHLOROETHENE (TOTAL) 11U 1,2-DICHLOROETHENE (TOTAL) 11U METHYL BUTYL KETONE
60 METHYLĒNE CHLORIDE 11U ACETONE 11U ACETONE 11U BENZENE 11U TRANS-1.3-DICHLOROPROPENE 11U 1.1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 11U 1.1-DICHLOROETHANE 11U 1.2-DICHLOROETHENE (TOTAL) 11U 1.2-DICHLOROETHENE (TOTAL) 11U 1.2-DICHLOROETHENE
11U ACETONE 9J CARBON DISULFIDE 11U TRANS-1.3-DICHLOROPROPENE 11U 1.1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 11U 1.1-DICHLOROETHANE 11U 1.2-DICHLOROETHENE (TOTAL) 11U 1.2-DICHLOROETHENE (TOTAL) 11UJ METHYL BUTYL KETONE
9J CARBON DISULFIDE 11U TRANS-1.3-DICHLOROPROPENE 11U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 11U BROMOFORM 11U 1,1-DICHLOROETHANE 11UJ METHYL ISOBUTYL KETONE 11U 1,2-DICHLOROETHENE (TOTAL) 11UJ METHYL BUTYL KETONE
11U 1,1-DICHLOROETHANE 11UJ METHYL ISOBUTYL KETONE 11U 1,2-DICHLOROETHENE (TOTAL) 11UJ METHYL BUTYL KETONE
11U 1,1-DICHLOROETHANE 11UJ METHYL ISOBUTYL KETONE 11U 1,2-DICHLOROETHENE (TOTAL) 11UJ METHYL BUTYL KETONE
11U CHLOROFORM 11UJ FERRCHLOROETHYLENE)
11U 1.2-DICHLOROETHANE 11UJ 1.1.2.2-TETRACHLOROETHANE
11U METHYL ETHYL KETONE 11UJ TOLUBNE
11U 1,1,1-TRICHLOROETHANE 11UJ CHLOROBENZENE
11U CARBON TETRACHLORIDE 11UJ ETHYL BENZENE 11U BROMODICHLOROMETHANE 11UJ STYRENE
110 BROMODICHLOROMETHANE 1103 STYRENE 11UJ TOTAL XYLENES
12 PERCENT MOISTURE

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\* \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

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PURGEABLE ORGANICS DATA REPORT
PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1157 STOP: 00/00/00
    PROJECT NO. 94-0604 SAMPLE NO. 88790 SAMPLE TYPE: SOIL
    SOURCE: OLD CHERRY GROVE LF
STATION ID: 002-SS
* *
                                                                                                                   * *
* *
                                                                                                                   * *
* *
                                                                                                                   * *
    CASE NO.: 22582
                                         SAS NO.:
                                                               D. NO.: JA03
                                                                                                                   * *
UG/KG
   UG/KG
         ANALYTICAL RESULTS
                                                                              ANALYTICAL RESULTS
    12U CHLOROMETHANE
                                                               12U 1.2-DICHLOROPROPANE
    12U BROMOMETHANE
                                                               12U CIS-1.3-DICHLOROPROPENE
                                                               12U TRICHLOROETHENE (TRICHLOROETHYLENE)
12U DIBROMOCHLOROMETHANE
12U 1,1,2-TRICHLOROETHANE
        VINYL CHLORIDE
    12U CHLOROETHANE
        METHYLENE CHLORIDE
    12U
    120
        ACETONE
                                                               120
                                                                   BENZENE
        CARBON DISULFIDE
    120
                                                               120
                                                                   TRANS-1,3-DICHLOROPROPENE
    120
        1.1-DICHLOROETHENE(1.1-DICHLOROETHYLENE)
                                                               120
                                                                   BROMOFORM
       1.1-DICHLOROETHANE
    120
                                                               120
                                                                   METHYL ISOBUTYL KETONE
    120
       1,2-DICHLOROETHENE (TOTAL)
                                                               12U METHYL BUTYL KETONE
    120
        CHLOROFORM
                                                               120 TETRACHLOROETHENE (TETRACHLOROETHYLENE)
    120
        1.2-DICHLOROETHANE
                                                               12U 1.1.2.2-TETRACHLOROETHANE
        METHYL ETHYL KETONE
1,1,1-TRICHLOROETHANE
    120
                                                               12U TOLUENE
    120
                                                               120
                                                                   CHI OROBENZENE
    120
        CARBON TETRACHLORIDE
                                                               120
                                                                   ETHYL BENZENE
        BROMODICHLOROMETHANE
    120
                                                               120
                                                                   STYRENE
                                                               12U TOTAL XYLENES
                                                                   PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

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PURGEABLE ORGANICS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88791 SAMPLE TYPE: SOIL PROGELEM: NSF COLLECTED BY: F.M. CARNS STATION ID: 003-SS ST: SC COLLECTION START: 08/24/94 1207 STOP: 00/00/00
* *
                                                                                                           * *
                                                                                                          * *
* *
   CASE NO.: 22582
                                      SAS NO.:
                                                          D. NO.: JA04
                                                                                                           * *
ANALYTICAL RESULTS
                                                         UG/KG ANALYTICAL RESULTS
   UG/KG
                                                          12U 1,2-DICHLOROPROPANE
    12U CHLOROMETHANE
    120
        BROMOMETHANE
                                                          12U CIS-1.3-DICHLOROPROPENE
                                                           12U TRICHLOROETHENE (TRICHLOROETHYLENE)
    12U VINYL CHLORIDE
    120 CHLOROETHANE
                                                              DIBROMOCHLOROMETHANE
                                                           120
                                                           12U 1,1,2-TRICHLOROETHANE
    120
        METHYLENE CHLORIDE
    120
                                                           12U BENZENE
       ACETONE
    12U
       CARBON DISULFIDE
1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
                                                           120
                                                              TRANS-1.3-DICHLOROPROPENE
                                                           12U BROMOFORM
    120
    120
       1.1-DICHLOROETHANE
                                                           120
                                                              METHYL ISOBUTYL KETONE
    120
       1,2-DICHLOROETHENE (TOTAL)
                                                          12U METHYL BUTYL KETONE
    120
        CHLOROFORM
                                                          12U TETRACHLOROETHENE (TETRACHLOROETHYLENE)
        1.2-DICHLOROETHANE
                                                              1.1.2.2-TETRACHLOROETHANE
    120
        METHYL ETHYL KETONE
                                                          12U TOLUENE
    120
        1,1,1-TRICHLOROETHANE
                                                          12U CHLOROBENZENE
    12U
    120
        CARBON TETRACHLORIDE
                                                          12U ETHYL BENZENE
        BROMODICHLOROMETHANE
                                                          12U STYRENE
                                                           12U TOTAL XYLENES
                                                           14 PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\* \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

\*R-QC ÎNDICATES THAT DÂTA UNUSABLE. CÔMPOÙND MAY ÔR MAY NOT BE PRÉSENT. RÉSAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

EPA-REGION IV ESD, ATHENS, GA. 10/0					
PURGEABLE ORGANICS DATA REPORT					
*** * * * * * * * * * * * * * * * * *	PROG ELEM: NSF COLLECTED BY: F.M. CA CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1222 STO	***			
** CASE NO.: 22582 SAS NO.:	D. NO.: JA05				
** CASE NO.: 22582 SAS NO.:  *** * * * * * * * * * * * * * * * * *	UG/KG ANALYTICAL RESULTS	* * * * * * * * * * * * * * *			
12U CHLOROMETHANE 12U BROMOMETHANE 12U VINYL CHLORIDE 12U CHLOROETHANE 12U METHYLENE CHLORIDE 12U ACEIONE 12U CARBON DISULFIDE 12U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 12U 1,1-DICHLOROETHANE 12U 1,2-DICHLOROETHENE (TOTAL) 12U CHLOROFORM 12U 1,2-DICHLOROETHANE 12U METHYL ETHYL KETONE 12U METHYL ETHYL KETONE 12U CARBON TETRACHLORIDE 12U BROMODICHLOROMETHANE	12U 1,2-DICHLOROPROPANE 12U CIS-1.3-DICHLOROPROPENE 12U TRICHLOROETHENE (TRICHLOROETHYLEN 12U DIBROMOCHLOROMETHANE 12U 1,1,2-TRICHLOROETHANE 12U BÉNZENE 12U TRANS-1.3-DICHLOROPROPENE 12U BROMOFORM 12UJ METHYL ISOBUTYL KETONE 12UJ METHYL BUTYL KETONE 12UJ TEIRACHLOROETHENE (TEIRACHLOROETH 12UJ 1.1.2.2-TETRACHLOROETHANE 12UJ TOLUENE 12UJ CHLOROBFNZENE 12UJ ETHYL BENZENE 12UJ STYRENE 12UJ TOTAL XYLENES 17 PERCENT MOISTURE				

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

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PURGEABLE ORGANICS DATA REPORT
PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS ST: SC
    PROJECT NO. 94-0604 SAMPLE NO. 88793 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF
                                                                                                              * *
                                                            COLLECTION START: 08/24/94 1129 STOP: 00/00/00
    STATION ID: 005-SS
* *
                                                                                                              * *
* *
  CASE NO.: 22582
                                      SAS NO.:
                                                            D. NO.: JA06
                                                                                                              * *
* *
UG/KG
   UG/KG
                  ANALYTICAL RESULTS
                                                                           ANALYTICAL RESULTS
    19U CHLOROMETHANE
                                                            19U 1,2-DICHLOROPROPANE
    19U BROMOMETHANE
                                                            19U CIS-1,3-DICHLOROPROPENE
    190
       VINYL CHLORIDE
                                                            19U TRICHLOROETHENE (TRICHLOROETHYLENE)
    190
       CHLOROETHANE
                                                            190
                                                                DIBROMOCHLOROMETHANE
    38N
       METHYLENE CHLORIDE
                                                            190
                                                                1.1.2-TRICHLOROETHANE
    190
        ACETONE
                                                            190
                                                                BENZENE
    190
        CARBON DISULFIDE
                                                                TRANS-1.3-DICHLOROPROPENE
                                                            190
    190
        1.1-DICHLOROETHENE(1.1-DICHLOROETHYLENE)
                                                                BROMOFORM
                                                            190
                                                                METHYL ISOBUTYL KETONE
METHYL BUTYL KETONE
    190
        1.1-DICHLOROETHANE
                                                            1900
    190
        1.2-DICHLOROETHENE (TOTAL)
                                                            19UJ
        CHLOROFORM
                                                                TETRACHLOROETHENE (TETRACHLOROETHYLENE)
    190
                                                            19UJ
    190
        1.2-DICHLOROETHANE
                                                            19UJ
                                                                1.1.2.2-TETRACHLOROETHANE
    190
        METHYL ETHYL KETONE
                                                            19UJ
                                                                TOLUENE
    190
        1.1.1~TRICHLOROETHANE
                                                            19UJ
                                                                CHLOROBENZENE
    190
       CARBON TETRACHLORIDE
                                                            19UJ
                                                                ETHYL BENZENE
    19U
        BROMODICHLOROMETHANE
                                                            19UJ
                                                                STYRENE
                                                            19UJ
                                                                TOTAL XYLENES
                                                                PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

<sup>\*</sup>R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

```
PURGEABLE ORGANICS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88794 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF
                                                              PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1145 STOP: 00/00/00
**
                                                                                                                  * *
    STATION ID: 006-SS
* *
                                                                                                                  * *
* *
                                                                                                                  * *
   CASE NO.: 22582
                                         SAS NO.:
                                                               D. NO.: JA07
                                                                                                                  * *
UG/KG
         ANALYTICAL RESULTS
                                                             UG/KG ANALYTICAL RESULTS
    17U CHLOROMETHANE
                                                              17UJ 1.2-DICHLOROPROPANE
17UJ CIS-1.3-DICHLOROPROPENE
17UJ TRICHLOROETHENE(TRICHLOROETHYLENE)
    17U BROMOMETHANE
    17U VINYL CHLORIDE
    17U CHLOROETHANE
                                                              17UJ DIBROMOCHLOROMETHANE
    67N
        METHYLENE CHLORIDE
                                                              17UJ
                                                                   1.1.2-TRICHLOROETHANE
                                                                   BENZENE
    17U
        ACETONE
                                                              17UJ
        CARBON DISULFIDE
                                                                   TRANS-1.3-DICHLOROPROPENE
    170
                                                              17UJ
    17U 1.1-DICHLOROETHENE(1.1-DICHLOROETHYLENE)
                                                              17UJ
                                                                   BROMOFORM
    17U 1,1-DICHLOROETHANE
                                                              17UJ
                                                                   METHYL ISOBUTYL KETONE
    17U 1,2-DICHLOROETHENE (TOTAL)
                                                              17ŬĴ
                                                                   METHYL BUTYL KETONE
        CHLOROFORM
                                                                   TETRACHLOROETHENE (TETRACHLOROETHYLENE)
    17U
                                                              17UJ
    17U
        1.2-DICHLOROETHANE
                                                              17UJ
                                                                   1.1.2.2-TETRACHLOROETHANE TOLUENE
    17U
        METHYL ETHYL KETONE
                                                              17UJ
        1,1,1-TRICHLOROETHANE
   17UJ
                                                              17UJ
                                                                   CHLOROBENZENE
   17UJ
        CARBON TETRACHLORIDE
                                                              17ÚJ
                                                                   ETHYL BENZENE
        BROMODICHLOROMETHANE
                                                                   STYRENE
   17UJ
                                                              17UJ
                                                              17UJ TOTAL XYLENES
                                                                42 PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

PURGEABLE ORGANICS DATA REPORT	10/0//94
FUNGLADLE UNGANIUS DAIM REFUNI	* * * * * * * * ***
** PROJECT NO. 94-0604 SAMPLE NO. 88796 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: F.M. CARNS	**
** SOURCE: OLD CHERRY GROVE LF CITY: NIXON CROS ST: SC	**
** STATION ID: 008-SS COLLECTION START: 08/24/94 1130 STOP: 00/0	
**	**
** CASE NO.: 22582 SAS NO.: D. NO.: JAO9	
UG/KG ANALYTICAL RESULTS UG/KG ANALYTICAL RESULTS	,
doy, no doy, n	
11U CHLOROMETHANE 11UJ 1,2-DICHLOROPROPANE	
11U BROMOMETHANE11UJ CIS-1.3-DICHLOROPROPENE	
11U VINYL CHLORIDE 11UJ TRICHLORGETHENE(TRICHLORGETHYLENE)	
11U CHLOROETHANE 11UJ DIBROMOCHLOROMETHANE	
11U METHYLENE CHLORIDE 11UJ 1,1,2-TRICHLOROETHANE 11U ACETONE 11UJ BENZENE	
11U CARBON DISULFIDE 11UJ TRANS-1.3-DICHLOROPROPENE	
11U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 11UJ BROMOFORM	
11U 1,1-DICHLOROETHANE 11UJ METHYL ISOBUTYL KETONE	
11U 1.2-DICHLOROETHENE (TOTAL) 11UJ METHYL BUTYL KETONE	
11U CHLOROFORM 11UJ TETRACHLOROETHENE(TETRACHLOROETHYLENE)	
11U 1.2-DICHLOROETHANE 11UJ 1.1.2.2-TETRACHLOROETHANE	
11U METHYL ETHYL KETONE 11UJ TOLUENE 11UJ 1,1,1-TRICHLOROETHANE 11UJ CHLOROBENZENE	
11UJ CARBON TETRACHLORIDE 11UJ ETHYL BENZENE	
11UJ BROMODICHLOROMETHANE 11UJ STYRENE	
11UJ TOTAL XYLENES	
13 PERCENT MOISTURE	

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\* \*

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC PROJECT NO. 94-0604 SAMPLE NO. 88793 SAMPLE TYPE: SOIL \* \* SOURCE: OLD CHERRY GROVE LF \* \* COLLECTION START: 08/24/94 1129 STOP: 00/00/00

STATION ID: 005-SS

\* \* \* \* CASE NO.: 22582 SAS NO.: D. NO.: JA06 MD NO: JAO6 \* \* \* \* 

ANALYTICAL RESULTS UG/KG

100JN BENZALDEHYDE

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-REGION IV ESD, ATHENS, GA.

10/07/94

\* \*

\* \*

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT 

PROJECT NO. 94-0604 SAMPLE NO. 88794 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: F.M. CARNS SOURCE: OLD CHERRY GROVE LF CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1145 STOP: 00/00/00 STATION ID: 006-SS

MD NO: JAO7 D. NO.: JA07 \* \* \* \* CASE.NO.: 22582 SAS NO.: \*\* 

ANALYTICAL RESULTS UG/KG

70J 1 UNIDENTIFIED COMPOUND

\*\*\*FOOTNOTES\*\*\*

\* \*

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

<sup>\*</sup>R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

\* \*

\* \*

\* \*

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

PROG ELEM: NSF COLLECTED BY: F.M. CARNS PROJECT NO. 94-0604 SAMPLE NO. 88795 SAMPLE TYPE: SOIL

SOURCE: OLD CHERRY GROVE LF CITY: NIXON CROS ST: SC

STATION ID: 007-SS COLLECTION START: 08/24/94 1155 STOP: 00/00/00 CASE.NO.: 22582 SAS NO.: D. NO.: JA08 MD NO: JAO8 \* \*

ANALYTICAL RESULTS UG/KG

300J 1 UNIDENTIFIED COMPOUND

\*\*\*FOOTNOTES\*\*\*

\* \*

\* \*

<sup>\*</sup>NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

<sup>\*</sup>K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.



OCT 17 1994

SITE ENGINEERING & SCREENING BSHWM

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Region IV

Environmental Services Division College Station Road, Athens, Ga. 30613

\*\*\*\*\*MEMORANDUM\*\*\*\*\*

DATE: 10/08/94

SUBJECT: Results of Pesticide/PCB Analysis;

94-0604 OLD CHERRY GROVE LF

NIXON CROS SC CASE NO: 22582

FROM: Charles J. Hooper Muller

Chief, Laboratory Evaluation/Quality Assurance Section

TO: JOHN CRISWELL

Attached are the results of analysis of samples collected as part of the subject project.

As a result of the Quality Assurance Review, certain data qualifiers may have been placed on the data. Attached is a DATA QUALIFIER REFORT which explains the reasons that these qualifiers were required.

If you have any questions please contact me.

ATTACHMENT

## ORGANIC DATA QUALIFIER REPORT

Case Number 22582 Project Number 94-0604 SAS Number Site ID. Old Cherry Grove LF, Nixon Cros, SC

Affected Samples	Compound or Fraction	Flag <u>Used</u>	
<u>Volatiles</u>			
88789,88792, 88793,	4-methyl-2-pentanone tetrachloroethene 1,1,2,2-tetrachloroethan toluene chlorobenzene ethylbenzene styrene xylene carbon disulfide	J J J J J J J	low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery < quantitation limit
88794,88795, 88796	bromoform 2-hexanone 4-methyl-2-pentanone tetrachloroethene 1,1,2,2-tetrachloroethan toluene	] ] ] ] ] ] J J J J J J J J J J J J J J	low internal standard recovery low internal standard recovery
88793,88794, 88795	acetone	N	common lab contaminant
<u>Extractables</u>			
88792,88794, 88795,88796	benzo(b/k)fluoranthene benzo(a)pyrene indeno(1,2,3-cd)pyrene dibenz(a,h)anthracene	] ] ] ]	low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery
88794	fluoranthene	J	< quantitation limit
88795	fluoranthene	J J J	< quantitation limit < quantitation limit < quantitation limit
Pasticidas			

### <u>Pesticides</u>

None

```
PESTICIDES/PCB'S DATA REPORT
PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS
COLLECTION START: 08/24/94 1130 STOP: 00/00/00
   PROJECT NO. 94-0604 SAMPLE NO. 88789 SAMPLE TYPE: SOIL
   SOURCE: OLD CHERRY GROVE LF
* *
* *
    STATION ID: 001-SS
                                                                                                          * *
   CASE NUMBER: 22582
                           SAS NUMBER:
                                                          D. NUMBER: JAO2
                                                                                                          * *
                                                                                                          * *
UG/KG
                  ANALYTICAL RESULTS
                                                         UG/KG
                                                                        ANALYTICAL RESULTS
   1.9U ALPHA-BHC
                                                          19U METHOXYCHLOR
   1.90 BETA-BHC
                                                         3.60 ENDRIN KETONE
   1.90
       DELTA-BHC
                                                              ENDRIN ALDEHYDE
   1.90
       GAMMA-BHC (LINDANE)
                                                              CHLORDANE (TECH. MIXTURE) /1
   1.90
       HEPTACHLOR
                                                         1.90
                                                              GAMMA-CHLORDANE
                                                                             /2
   1.90
        ALDRIN
                                                         1.90
                                                              ALPHA-CHLORDANE
                                                                             /2
   1.90
        HEPTACHLOR EPOXIDE
                                                              TOXAPHENE
                                                         1900
       ENDOSULFAN I (ALPHA)
   1.90
                                                              PCB-1016 (AROCLOR 1016)
                                                          36U
       DIELDRIN
   3.60
                                                          74U
                                                              PCB-1221 (AROCLOR 1221)
       4,4'-DDE (P,P'-DDE)
   3.60
                                                          36U
                                                              PCB-1232 (AROCLOR 1232)
       ENDRIN
   3.60
                                                          150
                                                              PCB-1242 (AROCLOR 1242)
   3.60
       ENDOSULFAN II (BETA)
                                                              PCB-1248 (AROCLOR 1248)
                                                          36U
       4,4'-DDD (P,P'-DDD)
   3.60
                                                              PCB-1254 (AROCLOR 1254)
                                                          360
   3.6U
       ENDOSULFAN SULFATE
                                                          36U
                                                             PCB-1260 (AROCLOR 1260)
      4.4' DDT (P.P' DDT)
   3.60
                                                           11 PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

```
PESTICIDES/PCB'S DATA REPORT
PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1157 STOP: 00/00/00
    PROJECT NO. 94-0604 SAMPLE NO. 88790 SAMPLE TYPE: SOIL
                                                                                                              * *
    SOURCE: OLD CHERRY GROVE LF
                                                                                                              * *
    STATION ID: 002-SS
                                                                                                              * *
    CASE NUMBER: 22582
                            SAS NUMBER:
                                                            D. NUMBER: JAO3
                                                                                                              * *
* *
                                                                                                              * *
UG/KG
                  ANALYTICAL RESULTS
                                                            UG/KG
                                                                            ANALYTICAL RESULTS
   2.0U ALPHA-BHC
                                                            20U METHOXYCHLOR
   2.00
        BETA-BHC
                                                            3.8U ENDRIN KETONE
   2.00
        DELTA-BHC
                                                                 ENDRIN ALDEHYDE
                                                            3.80
   2.00
        GAMMA-BHC (LINDANE)
                                                                 CHLORDANE (TECH.
                                                                               MIXTURE) /1
   2.00
                                                            2.00
        HEPTACHLOR
                                                                 GAMMA-CHLORDANE
   2.00
        ALDRIN
                                                            2.00
                                                                 ALPHA-CHLORDANE
        HEPTACHLOR EPOXIDE
                                                                 TOXAPHENE
                                                            2000
        ENDOSULFAN I (ALPHA)
                                                             38U
                                                                 PCB-1016 (AROCLOR 1016)
   3.80
        DIELDRIN
                                                             770
                                                                 PCB-1221 (AROCLOR 1221)
        4,4'-DDE (P.P'-DDE)
                                                                 PCB-1232 (AROCLOR 1232)
   3.80
                                                             380
        ENDRIN
   3.80
                                                                PCB-1242 (AROCLOR 1242)
PCB-1248 (AROCLOR 1248)
   3.80
        ENDOSULFAN II (BETA)
                                                             380
   3.80
        4.4'-DDD (P.P'-DDD)
                                                                 PCB-1254 (AROCLOR 1254)
                                                             380
   3.80
       ENDOSULFAN SULFATE
                                                                PCB-1260 (AROCLOR 1260)
                                                             380
   3.80
        4.4'-DDT (P.P'-DDT)
                                                                 PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

```
PESTICIDES/PCB'S DATA REPORT
PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS ST: SC
COLLECTION START: 08/24/94 1207 STOP: 00/00/00
    PROJECT NO. 94-0604 SAMPLE NO. 88791 SAMPLE TYPE: SOIL
    SOURCE: OLD CHERRY GROVE LF
                                                                                                                       **
    STATION ID: 003-SS
* *
                                                                                                                       * *
    CASE NUMBER: 22582
                              SAS NUMBER:
                                                                 D. NUMBER: JAO4
                                                                                                                       * *
                                                                                                                       * *
UG/KG
                     ANALYTICAL RESULTS
                                                                 UG/KG
                                                                                   ANALYTICAL RESULTS
   2.0U ALPHA-BHC
2.0U BETA-BHC
                                                                 20U METHOXYCHLOR
                                                                 3.90
                                                                      ENDRIN KETÖNE
   \tilde{2}, \tilde{0}U
         DELTA-BHC
                                                                      ENDRIN ALDEHYDE
                                                                 3.90
   2.00
         GAMMA-BHC (LINDANE)
                                                                      CHLORDANE (TECH.
                                                                                     MIXTURE) /1
   2.00
         HEPTACHLOR
                                                                      GAMMA-CHLORDANE
                                                                 2.00
   2.00
         ALDRIN
                                                                 2.00
                                                                      ALPHA-CHLORDANE
                                                                      TOXAPHENE
   2.00
         HEPTACHLOR EPOXIDE
                                                                 2000
   2.00
         ENDOSULFAN I (ALPHA)
                                                                  390
                                                                      PCB-1016 (AROCLOR 1016)
                                                                      PCB-1221 (AROCLOR 1221)
PCB-1232 (AROCLOR 1232)
PCB-1242 (AROCLOR 1242)
PCB-1248 (AROCLOR 1248)
   3.90
        DIELDRIN
   3.90
         4.4'-DDE (P.P'-DDE)
   3.90
         ENDRIN.
   3.90
         ENDOSULFAN II (BETA)
                                                                 60U
         4,4'-DDD (P,P'-DDD)
   3.90
                                                                      PCB-1254 (AROCLOR 1254)
                                                                 900
         ENDOSULFAN SULFATE
                                                                      PCB-1260 (AROCLOR 1260)
   3.90
                                                                 130
   3.90
         4.4'-DDT (P.P'-DDT)
                                                                      PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION. \*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED. SEE CHLORDANE CONSTITUENTS.

```
PESTICIDES/PCB'S DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88792 SAMPLE TYPE: SOIL
                                                           PROG ELEM: NSF COLLECTED BY: F.M. CARNS
                                                                                                             * *
                                                           CITY: NIXON CROS ST: SC
COLLECTION START: 08/24/94 1222 STOP: 00/00/00
    SOURCE: OLD CHERRY GROVE LF
STATION ID: 004-SS
                                                                                                             * *
                                                                                                             * *
    CASE NUMBER: 22582
                           SAS NUMBER:
                                                            D. NUMBER: JAOS
* *
                                                                                                             * *
                                                                                                             * *
UG/KG
                    ANALYTICAL RESULTS
                                                           UG/KG
                                                                            ANALYTICAL RESULTS
   2.1U ALPHA-BHC
                                                            21U METHOXYCHLOR
   2.1U
       BETA-BHC
                                                           4.OU ENDRIN KETONE
   2.10
2.10
2.10
        DELTA-BHC
                                                           4.00
                                                                ENDRIN ALDEHYDE
        GAMMA-BHC (LINDANE)
                                                                CHLORDANE (TECH. MIXTURE) /1
        HEPTACHLOR
                                                           2.10
                                                                GAMMA-CHLORDANE
                                                                              /2
   2.10
                                                           2.10
        ALDRIN
                                                                ALPHA-CHLORDANE
                                                                TOXAPHENE
   2.10
        HEPTACHLOR EPOXIDE
                                                           2100
   \bar{2}.10
        ENDOSULFAN I (ALPHA)
                                                                PCB-1016 (AROCLOR 1016)
                                                            40U
   4.0U
       DIELDRIN
                                                            82U
                                                                PCB-1221 (AROCLOR 1221)
   4.0U
       4.4'-DDE (P.P'-DDE)
                                                                PCB-1232 (AROCLOR 1232)
   4.00
       ENDR1N
                                                            160
                                                                PCB-1242 (AROCLOR 1242)
   4.0U
       ENDOSULFAN II (BETA)
                                                            40U
                                                                PCB-1248 (AROCLOR 1248)
       4,4'-DDD (P,P'-DDD)
ENDOSULFAN SULFATE
                                                                PCB-1254 (AROCLOR 1254)
   4.0U
                                                            40U
                                                                PCB-1260 (AROCLOR 1260)
   4.00
                                                            40U
       4,4' DDT (P,P'-DDT)
    25
                                                                PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\* \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT. \*Ř-QC INDICATES THAT DATA UNUŠÁBLE. COMPOUND MAY OR MÁY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

\*C-CONFIRMED BY GCMS WHEN NO VALUE IS REPORTED. SEE CHLORDANE CONSTITUENTS.

```
PESTICIDES/PCB'S DATA REPORT
PROG ELEM: NSF COLLECTED BY: F.M. CARNS
    PROJECT NO. 94-0604 SAMPLE NO. 88793 SAMPLE TYPE: SOIL
                                                                                                              * *
                                                           CITY: NIXON CROS ST: SC
COLLECTION START: 08/24/94 1129 STOP: 00/00/00
    SOURCE: OLD CHERRY GROVE LF
STATION ID: 005-SS
* *
                                                                                                              * *
                                                                                                              **
    CASE NUMBER: 22582
                           SAS NUMBER:
                                                            D. NUMBER: JAO6
                                                                                                             * *
* *
                                                                                                              * *
* *
UG/KG
                    ANALYTICAL RESULTS
                                                           UG/KG
                                                                            ANALYTICAL RESULTS
                                                            28U METHOXYCHLOR
   2.8U ALPHA-BHC
        BETA-BHC
   2.80
                                                           5.50
                                                                ENDRIN KETONE
   2.8U
2.8U
                                                           5.5Ŭ
                                                                ENDRIN ALDEHYDE
        DELTA-BHC
                                                                CHLORDANE (TECH. MIXTURE) /1
        GAMMA-BHC (LINDANE)
                                                           2.8U
2.8U
   2.80
        HEPTACHLOR
                                                                GAMMA-CHLORDANE
                                                                               /2
   2.8U
2.8U
2.8U
        ALDRIN
                                                                ALPHA-CHLORDANE
        HEPTACHLOR EPOXIDE
                                                            2800
                                                                TOXAPHENE
        ENDOSULFAN I (ALPHA)
                                                            55U
                                                                PCB-1016 (AROCLOR 1016)
   5.50
5.50
        DIELDRIN
                                                           1100
                                                                PCB-1221 (AROCLOR 1221)
        4.4'-DDE (P.P'-DDE)
                                                            55U
                                                                PCB-1232 (AROCLOR 1232)
   5.50
5.50
        ENDRIN
                                                            550
                                                                PCB-1242 (AROCLOR 1242)
                                                            550
        ENDOSULFAN II (BETA)
                                                                PCB-1248 (AROCLOR 1248)
        4,4'-DDD (P,P'-DDD)
                                                                PCB-1254 (AROCLOR 1254)
   5.50
                                                            550
        ENDOSULFAN SULFATE
                                                                PCB-1260 (AROCLOR 1260)
   5.50
                                                            550
   5 50
        4,4'-DDT (P,P'-DDT)
                                                                PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

\*R-OC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION. \*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED. SEE CHLORDANE CONSTITUENTS.

```
PESTICIDES/PCB'S DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88794 SAMPLE TYPE: SOIL
                                                         PROG ELEM: NSF COLLECTED BY: F.M. CARNS
                                                         CITY: NIXON CROS ST: SC
COLLECTION START: 08/24/94 1145 STOP: 00/00/00
    SOURCE: OLD CHERRY GROVE LF
* *
* *
    STATION ID: 006-SS
                                                                                                         **
    CASE NUMBER: 22582
                          SAS NUMBER:
                                                         D. NUMBER: JAO7
                                                                                                         * *
UG/KG ANALYTICAL RESULTS
                                                         UG/KG ANALYTICAL RESULTS
   2.9U ALPHA-BHC
                                                          29U METHOXYCHLOR
                                                         5.7U ENDRIN KETONE
   2.9U BETA-BHC
   2.9U
2.9U
2.9U
2.9U
        DELTA-BHC
                                                         5.70 ENDRIN ALDEHYDE
        GAMMA-BHC (LINDANE)
                                                              CHLORDANE (TECH. MIXTURE) /1
                                                         2.9U GAMMA-CHLORDANE /2
2.9U ALPHA-CHLORDANE /2
       HEPTACHLOR
        ALDRIN
   2.90
                                                         290Ŭ
                                                              TOXAPHENE
        HEPTACHLOR EPOXIDE
   2.90
        ENDOSULFAN I (ALPHA)
                                                          57Ü
                                                             PCB-1016 (AROCLOR 1016)
   5.70
       DIELDRIN
                                                         1200
                                                             PCB-1221 (AROCLOR 1221)
   5.7U 4,4'-DDE (P,P'-DDE)
                                                          570
                                                             PCB-1232 (AROCLOR 1232)
       ENDR1N
                                                             PCB-1242 (AROCLOR 1242)
   5.70
                                                          110
                                                             PCB-1248 (AROCLOR 1248)
   5.70
       ENDOSULFAN II (BETA)
                                                          57U
   5.7U 4.4'-DDD (P.P'-DDD)
5.7U ENDOSULFAN SULFATE
                                                             PCB-1254 (AROCLOR 1254)
                                                          570
                                                          57U PCB-1260 (AROCLOR 1260)
   5.7U 4,4'-DDT (P,P'-DDT)
                                                          43 PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\* \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL 

```
PESTICIDES/PCR'S DATA REPORT
PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1155 STOP: 00/00/00
    PROJECT NO. 94-0604 SAMPLE NO. 88795 SAMPLE TYPE: SOIL
++
    SOURCE: OLD CHERRY GROVE LF
* *
    STATION ID: 007-SS
    CASE NUMBER 22582
                           SAS NUMBER
                                                           D. NUMBER: JAOS
                                                                                                            * *
                                                                                                            - -
UG/KG
           ANALYTICAL RESULTS
                                                          UG/KG
                                                                          ANALYTICAL RESULTS
   4 3U ALPHA-BHC
                                                           43U METHOXYCHLOR
   4.30
        BETA-BHC
                                                          8.40 ENDRIN KETONE
        DEL TA-BHO
                                                               ENDRIN ALDEHYDE
   4.30
                                                          8 40
        GAMMA-BHC (LINDANE)
                                                               CHLORDANE (TECH. MIXTURE) /1
   4 30
                                                               GAMMA-CHLORDANE
   4 30
        HEPTACHLOR
                                                                             /2
        ALDRIN
                                                               ALPHA-CHLORDANE
   4.30
                                                          4.311
   4.3Ŭ
        HEPTACHLOR EPOXIDE
                                                           430Ŭ
                                                               TOXAPHENE
                                                               PCB-1016 (AROCLOR 1016)
   4.30
        ENDOSULFAN I (ALPHA)
                                                           84U
                                                               PCB-1221 (AROCLOR 1221)
PCB-1232 (AROCLOR 1232)
   8 411
        DIELDRIN
                                                           1700
        4.4'-DDE (P.P'-DDE)
   8.40
                                                           840
        FNDRIN
                                                               PCB-1242 (AROCLOR 1242)
   8.40
                                                           830
   8.4Ŭ
        ENDOSULFAN II (BETA)
                                                           84U
                                                               PCB-1248 (AROCLOR 1248)
   8.4U
        4.4'-DDD (P.P'-DDD)
                                                           840
                                                               PCB-1254 (AROCLOR 1254)
   8 4U ENDOSULEAN SULEATE
                                                           84U PCB-1260 (AROCLOR 1260)
   8.40
        4.4'-DDT (P.P'-DDT)
                                                               PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\* \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
\*C-CONFIRMED BY GCMS

1. WHEN NO VALUE IS REPORTED. SEE CHLORDANE CONSTITUENTS.

```
PESTICIDES/PCB'S DATA REPORT
PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC
   PROJECT NO. 94-0604 SAMPLE NO. 88796 SAMPLE TYPE: SOIL
                                                                                                         * *
   SOURCE: OLD CHERRY GROVE LF
STATION ID: 008-SS
                                                                                                          * *
                                                         COLLECTION START: 08/24/94 1130 STOP: 00/00/00
                                                                                                         * *
                          SAS NUMBER:
                                                          D. NUMBER: JAO9
                                                                                                         * *
   CASE NUMBER: 22582
                                                                                                         * *
ANALYTICAL RESULTS
   UG/KG
                 ANALYTICAL RESULTS
                                                         UG/KG
   1.9U ALPHA-BHC
                                                          19U METHOXYCHLOR
   1.90
       BETA-BHC
                                                         3.7U ENDRIN KETONE
   1.90
       DELTA-BHC
                                                         3.70
                                                              ENDRIN ALDEHYDE
       GAMMA-BHC (LINDANE)
                                                              CHLORDANE (TECH. MIXTURE) /1
   1.90
   1.90
       HEPTACHLOR
                                                         1.90
                                                              GAMMA-CHLORDANE
                                                                            /2
       ALDRIN
                                                              ALPHA-CHLORDANE
   1.90
                                                         1.90
   1.9Ŭ
       HEPTACHLOR EPOXIDE
                                                              TOXAPHENE
                                                         1900
   1.90
       ENDOSULFAN I (ALPHA)
                                                              PCB-1016 (AROCLOR 1016)
                                                          37U
                                                              PCB-1221 (AROCLOR 1221)
   3.7U
       DIELDRIN
                                                          76Ú
   3.70
       4,4'-DDE (P,P'-DDE)
                                                          37Ü
                                                              PCB-1232 (AROCLOR 1232)
   3.70
       ENDRIN
                                                          600
                                                              PCB-1242 (AROCLOR 1242)
       ENDOSULFAN II (BETA)
                                                              PCB-1248 (AROCLOR 1248)
   3.70
                                                          37U
       4.4'-DDD (P.P'-DDD)
                                                              PCB-1254 (AROCLOR 1254)
   3.70
                                                          37U
       ENDOSULFAN SULFATE
   3.70
                                                          37U
                                                              PCB-1260 (AROCLOR 1260)
   3.70
       4,4'-DDT (P,P'-DDT)
                                                              PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\* \*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\* \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*A-AVERAGE VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
\*C-CONFIRMED BY GCMS

1. WHEN NO VALUE IS REPORTED. SEE CHLORDANE CONSTITUENTS.

### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Region IV Environmental Services Division College Station Road, Athens, Ga. 30613

\*\*\*\*MEMORANDUM\*\*\*\*\*

DATE: 10/08/94

Results of Specified Analysis; SUBJECT:

OLD CHERRY GROVE LF NIXON CRCS SC 94-0604

CASE NO: 22582

FROM: Charles A. Hooper John Chief, Laboratory Evaluation/Quality Assurance Section

TO: JOHN CRISWELL

Attached are the results of analysis of samples collected as part of the subject project.

As a result of the Quality Assurance Review, certain data qualifiers may have been placed on the data. Attached is a DATA QUALIFIER REFORT which explains the reasons that these qualifiers were required.

If you have any questions please contact me.

ATTACHMENT

## INORGANIC DATA QUALIFIERS REPORT

Case Number: 22582
Project Number: 94-0604
Site: Old Cherry Grove LF, Nixon Crossing, SC

Element	Flag	Samples Affected	Reason
Al, Zn	Ŭ	All positives > IDL, but < CRDL	Baseline instability
Ca, Fe, Na	U	All positives > IDL, but < 10X contaminant level	Positives in blanks
Tl	JN	All positives with Al or Fe concentrations in solution > 160,000 ug/L	Suspected positive interference as noted in the contractor ICS
Pb	J	All with Al or Fe concentrations in solution > 60,000 ug/L	Suspected over correction as noted in the contractor ICS
Se	J	All with Al or Fe concentrations in solution > 120,000 ug/L	Suspected over correction as noted in the contractor ICS
Sb	J	A11	Matrix spike recovery = 71.4%
Se	U	MDJA02, 03, 06, & 07	% RSD > 20% for ICP multiple exposures and results > IDL, but < CRDL
Ag	U	MDJA05	<pre>% RSD &gt; 20% for ICP multiple exposures and results &gt; IDL, but &lt; CRDL</pre>
Cd	U	MDJA06	<pre>% RSD &gt; 20% for ICP multiple exposures and results &gt; IDL, but &lt; CRDL</pre>
Sb	U	MDJA08	% RSD > 20% for ICP multiple exposures and results > IDL, but < CRDL
V	J	MDJA02	% RSD > 20% for ICP multiple exposures
К	J	MDJA04	% RSD > 20% for ICP multiple exposures
Ni	J	MDJA04, 05, 06, & 07	% RSD > 20% for ICP multiple exposures
Со	J	MDJA06 & 06	% RSD > 20% for ICP multiple exposures
As	J	MDJA05 & 08	Only analysis of 2X CRDL standard required by SOW for ICP analysis
Be	J	MDJA05, 07, & 08	Only analysis of 2X CRDL standard required by SOW for ICP analysis

## INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 22582
Project Number: 94-0604
Site: Old Cherry Grove LF, Nixon Crossing, SC

Element	Flag	Samples Affected	<u>Reason</u>
Cd	J	MDJA05	Only analysis of 2X CRDL
			standard required by SOW for
			ICP analysis

\* \*

\* \*

SPECIFIED ANALYSIS DATA REPORT

\* \*

PROJECT NO. 94-0604 SAMPLE NO. 88789 SAMPLE TYPE: SOIL

SOURCE: OLD CHERRY GROVE LF

PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1130 STOP: 00/00/00 STATION ID: 001-SS SAS NO.: MD NO: JA02

CASE.NO.: 22582 D. NO.: JA02 \* \* \* \* \*\* 

> RESULTS UNITS PARAMETER 2.8U MG/KG CYANIDE

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

\* \*

\* \*

\* \*

\* \*

SPECIFIED ANALYSIS DATA REPORT

\* \*

\* \*

\* \*

PROJECT NO. 94-0604 SAMPLE NO. 88790 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF STATION ID: 002-SS PROG ELEM: NSF COLLECTED BY: F.M. CARNS \* \*

CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1157 STOP: 00/00/00 D. NO.: JAO3 MD NO: JAO3

CASE.NO.: 22582 SAS NO.:

> RESULTS UNITS PARAMETER 2.9U MG/KG CYANIDE

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

#### SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-REGION IV ESD, ATHENS, GA.

10/07/94

\* \*

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0604 SAMPLE NO. 88791 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LE STATION ID: 003-SS

\* \*

PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS ST: SC
COLLECTION START: 08/24/94 1207 STOP: 00/00/00
D. NO.: JAO4 MD NO: JAO4 \* \* \* \* CASE.NO.: 22582 \* \* \* \* SAS NO.: \* \* 

> RESULTS UNITS PARAMETER 3U MG/KG CYANIDE

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

#### SAMPLE AND ANALYSIS MANAGEMENT SYSTEM FPA-REGION IV ESD. ATHENS. GA.

10/07/94

\* \*

SPECIFIED ANALYSIS DATA REPORT PROJECT NO. 94-0604 SAMPLE NO. 88792 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC SOURCE: OLD CHERRY GROVE LF STATION ID: 004-SS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1222 STOP: 00/00/00 \* \* . . \* \* \* \* CASE NO.: 22582 SAS NO.: MD NO: JAOS D. NO.: JA05 \* \*

RESULTS UNITS PARAMETER 3U MG/KG CYANIDE

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-REGION IV ESD, ATHENS, GA.

10/07/94

\* \*

SPECIFIED ANALYSIS DATA REPORT

\* \*

PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1129 STOP: 00/00/00 PROJECT NO. 94-0604 SAMPLE NO. 88793 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF \* \* STATION ID: 005-SS \* \* MD NO: JA06 CASE NO.: 22582 D. NO.: JA06 \* \* SAS NO.:

RESULTS UNITS PARAMETER 4.60 MG/KG CYANIDE

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

#### SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-REGION IV ESD, ATHENS, GA.

10/07/94

\* \*

\* \*

\* \*

\* \*

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0604 SAMPLE NO. 88794 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF STATION ID: 006-SS PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC

\* \*

\* \*

\* \*

CASE.NO.: 22582 SAS NO.: CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1145 STOP: 00/00/00 D. NO.: JAO7 MD NO: JAO7

RESULTS UNITS PARAMETER 4.7U MG/KG CYANIDE

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-REGION IV ESD, ATHENS, GA.

10/07/94

\* \* \* \*

\*\* \* \*

SPECIFIED ANALYSIS DATA REPORT 

\* \*

PROJECT NO. 94-0604 SAMPLE NO. 88795 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF STATION ID: 007-SS PROG ELEM: NSF COLLECTED BY: F.M. CARNS

CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1155 STOP: 00/00/00 MD NO: JAO8

CASE.NO.: 22582 SAS NO.:

D. NO.: JA08 

> RESULTS UNITS PARAMETER 6.2U MG/KG CYANIDE

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SPECIFIED ANALYSIS DATA REPORT PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC PROJECT NO. 94-0604 SAMPLE NO. 88796 SAMPLE TYPE: SOIL \* \* \* \* SOURCE: OLD CHERRY GROVE LF \* \* COLLECTION START: 08/24/94 1130 STOP: 00/00/00 STATION ID: 008-SS \* \* MD NO: JA09 \* \* CASE.NO.: 22582 SAS NO.: D. NO.: JA09 \* \* \* \* \* \* 

> RESULTS UNITS PARAMETER 2.8U MG/KG CYANIDE

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Region 1V Environmental Services Division College Station Road, Athens, Ga. 30613

\*\*\*\*MEMORANDUM\*\*\*\*\*

DATE: 10/08/94

SUBJECT: Results of Extractable Organic Analysis;

OLD CHERRY GROVE LF 94-0604

NIXON CROS SC CASE NO: 22582

FROM: Charles d. Hooper Dulling.
Chief, Laboratory Evaluation/Quality Assurance Section

TO: JOHN CRISWELL

Attached are the results of analysis of samples collected as part of the subject project.

As a result of the Quality Assurance Review, certain data qualifiers may have been placed on the data. Attached is a DATA QUALIFIER REPORT which explains the reasons that these qualifiers were required.

If you have any questions please contact me.

ATTACHMENT

## ORGANIC DATA QUALIFIER REPORT

Case Number 22582 Project Number 94-0604 SAS Number Site ID. Old Cherry Grove LF, Nixon Cros, SC

Affected Samples	Compound or Fraction	Flag <u>Used</u>	
<u>Volatiles</u>			
88789,88792, 88793,	4-methyl-2-pentanone tetrachloroethene 1,1,2,2-tetrachloroetha toluene chlorobenzene ethylbenzene styrene xylene carbon disulfide	J J De J J J J J	low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery < quantitation limit
88794,88795, 88796	1,1,1-trichloroethane carbon tetrachloride bromodichloromethane 1,2-dichloropropane trans-1,3-dichloroprope trichloroethene dibromochloromethane 1,1,2-trichloroethane benzene cis-1,3-dichloropropene bromoform 2-hexanone 4-methyl-2-pentanone tetrachloroethene 1,1,2,2-tetrachloroethat toluene chlorobenzene ethylbenzene styrene xylene	J J J J J	low internal standard recovery low internal standard recovery
88793,88794, 88795	acetone	N	common lab contaminant
<u>Extractables</u>			
88792,88794, 88795,88796	di-n-octylphthalate benzo(b/k)fluoranthene benzo(a)pyrene indeno(1,2,3-cd)pyrene dibenz(a,h)anthracene benzo(g,h,i)perylene	] ] ] ]	low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery
88794	fluoranthene	J	< quantitation limit
88795	phenanthrene fluoranthene pyrene	J J	< quantitation limit < quantitation limit < quantitation limit

## <u>Pesticides</u>

None

```
EXTRACTABLE ORGANICS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88789 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: F.M. CARNS STISC COLLECTION START: 08/24/94 1130 STOP: 00/00/00
    STATION ID: 001-SS
                                                                                                                            * *
                                                                  D. NO.: JA02
                                           SAS NO.:
** CASE NO.: 22582
UG/KG ANALYTICAL RESULTS
   UG/KG ANALYTICAL RESULTS
                                                                   890U 3-NITROANILINE
370U ACENAPHTHENE
890U 2.4-DINITROPHENOL
   370H PHENOL
   370U BIS(2-CHLOROETHYL) ETHER
    370U 2-CHLOROPHENOL
                                                                   A90U 4-NITROPHENOL
   370U 1.3-DICHLOROBENZENE
                                                                   370U DIBENZOFURAN
370U 2,4-DINITROTOLUENE
   370U 1,4-DICHLOROBENZENE
        1.2-DICHLOROBENZENE
   370U
                                                                    3700 DIETHYL PHTHALATE
         2-METHYLPHENOL
   370U
                                                                   370U 4-CHLOROPHENYL PHENYL ETHER
   370U
         2,2'-CHLOROISOPROPYLETHER
                                                                   370U FLUORENE
         (3-AND/OR 4-)METHYLPHENOL
   3700
                                                                   890U 4-NITROANILINE
   370U N-NITROSODI-N-PROPYLAMINE
                                                                   8900 2-METHYL-1.6-DINITROPHENOL
3700 N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
         HEXACHLOROE THANE
   370U
   370U NITROBENZENE
                                                                    370U 4-BROMOPHENYL PHENYL ETHER
   370U ISOPHORONE
                                                                    3700 HEXACHLOROBENZENE (HCB)
   370U
         2-NITROPHENOL
                                                                        PENTACHLOROPHENOL
                                                                    890U
   370U
         2,4 DIMETHYLPHENOL
         BIS(2-CHLOROE (HOXY) ME THANE
2,4-DICHLOROPHENOL
                                                                    370U PHENANTHRENE
   3700
                                                                   370U ANTHRACENE
370U CARBAZOLE
790U DI-N-BUTYLE
370U FLUORANTHEN
   370U
         1.2.4-TRICHLOROBENZENE
   370U
                                                                         DI-N-BUTYL PHTHAL ATE
        NAPHTHALENE
   370U
                                                                         FLUORANTHENE
         4-CHLOROANILINE
   3700
                                                                    370U PYRENE
         HEXACHLOROBUTADIENE
   370U
                                                                    370U BENZYL BUTYL PHTHALATE
         4-CHLORO-3-METHYLPHENOL
2-METHYLNAPHTHALENE
   370U
                                                                         3.3'-DICHLOROBENZIDINE
                                                                   370U
   370U
                                                                   370U BENZO(A)ANTHRACENE
   370Ŭ
         HEXACHLOROCYCLOPENTADIENE (HCCP)
         2,4,6-TRICHLOROPHENOL
                                                                   370U
                                                                         CHRYSENÉ
   3700
                                                                         BIS(2-ETHYLHEXYL) PHTHALATE
DI-N-OCTYLPHTHALATE
                                                                   13000
         2.4.5-TRICHLOROPHENOL
   890U
                                                                   370U
370U
         2-CHLORONAPHTHALENE
   370Ü
                                                                         BENZO(B AND/OR K)FLUORANTHENE
         2-NITROANILINE
   890U
                                                                   370U BENZO-A-PYRENE
   3700 DIMETHYL PHTHALATE
                                                                   370U INDENO (1,2,3 CD) PYRENE
370U DIBENZO(A,H)ANTHRACENE
   370U ACENAPHTHYLENE
   370U 2.6-DINITROTOLUENE
                                                                   370U BENZO(GHI)PERYLENE
                                                                        PERCENT MOISTURE
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\*\*\*REMARKS\*\*\*

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EXTRACTABLE ORGANICS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88790 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: F.M. CARNS SOURCE: OLD CHERRY GROVE LF
STATION ID: 002-SS

STATION ID: 002-SS

CITY: NIXON CROS
COLLECTION START: 08/24/94 1157 STOP: 00/00/00
     SOURCE: OLD CHERRY GROVE LF
STATION ID: 002-SS
* *
                                              SAS NO.:
                                                                       D. NO.: JAO3
** CASE NO.: 22582
UG/KG ANALYTICAL RESULTS
    UG/KG ANALYTICAL RESULTS
                                                                         910U 3-NITROANILINE
370U ACENAPHTHENE
910U 2.4-DINITROPHENOL
910U 4-NITROPHENOL
    370U PHENOL
    370U BIS(2-CHLOROETHYL) ETHER
    370Ŭ
          2-CHLOROPHENOL
    370U 1,3-DICHLOROBENZENE
                                                                          370U DIBENZOFURAN
    370U 1.4-DICHLOROBENZENE
                                                                          370U 2.4-DINITROTOLUENE
370U DIETHYL PHTHALATE
    370U 1.2-DICHLOROBENZENE
    3700 2-METHYLPHENOL
                                                                          370U 4-CHLOROPHENYL PHENYL ETHER
          2,2'-CHLOROISOPROPYLETHER
    370Ü
          (3-AND/OR 4-)METHYLPHENOL
N-NITROSODI-N-PROPYLAMINE
                                                                          3700 FLUORENE
    370Ü
                                                                          910U 4-NITROANILINE
    370U
                                                                          9100 2-METHYL-4,6-DINITROPHENOL
          HEXACHLOROE THANE
    370U
                                                                          370U N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
    370U
          NITROBENZENE
                                                                          370U 4-BROMOPHENYL PHENYL ETHER
370U HEXACHLOROBENZENE (HCB)
    3700
          ISOPHORONE
    3700
          2-NITROPHENOL
                                                                          910U PENTACHLOROPHENOL
    370U 2.4 DIMETHYLPHENOL
          BIS(2-CHLOROETHOXY) METHANE
                                                                          370U PHENANTHRENE
    370U
          2.4-DICHLOROPHENOL
1,2,4-TRICHLOROBENZENE
    370Ŭ
                                                                          370U ANTHRACENE
                                                                          370U CARBAZOLE
    370U
                                                                         1600U DI-N-BUTYLPHTHALATE
          NAPHTHALENE
    370U
                                                                          3700 FLUORANTHENE
    370Ŭ
          4-CHLOROANILINE
                                                                          370U PYRENE
          HEXACHLOROBUTADIENE
    370U
                                                                          3700 BENZYL BUTYL PHTHALATE
3700 3.3'-DICHLOROBENZIDINE
3700 BENZO(A)ANTHRACENE
          4-CHLORO-3-METHYLPHENOL
    370U
          2-METHYLNAPHTHALENE
    370U
    370U HEXACHLOROCYCLOPENTADIENE (HCCP)
                                                                                CHRYSENE
          2,4,6-TRICHLOROPHENOL
2,4,5-TRICHLOROPHENOL
2-CHLORONAPHTHALENE
                                                                          370U
    3700
                                                                          3200 BIS(2-ETHYLHEXYL) PHTHALATE
3700 DI-N-OCTYLPHTHALATE
    9100
    3700
                                                                          370U BENZO(B AND/OR K)FLUORANTHENE
    9100
          2-NITROANILINE
                                                                                BENZO-A-PYRENE
                                                                          370U
          DIMETHYL PHTHALATE
    370U
                                                                          370U INDENO (1.2.3 CD) PYRENE
370U DIBENZO(A.H)ANTHRACENE
    370U
          ACENAPHTHYLENE
          2.6-DINITROTOLUENE
    3700
                                                                          370U BENZO(GHI)PERYLENE
                                                                            14 PERCENT MOISTURE
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\*\*\*REMARKS\*\*\*

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EXTRACTABLE ORGANICS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88791 SAMPLE TYPE: SOIL
SOURCE: OLD CHERRY GROVE LF
STATION ID: 003-55
STATION TO: 003-55
                                                                                                                       * *
    STATION ID: 003-SS
* *
                                                                                                                       * *
* *
                                                                                                                       * *
                                                               D. NO.: JA04
                                           SAS NO.:
** CASE NO.: 22582
UG/KG ANALYTICAL RESULTS
   UG/KG ANALYTICAL RESULTS
                                                                 930U 3-NITROANILINE
    390U PHENOL
   3900 BIS(2-CHLOROETHYL) ETHER
3900 2-CHLOROPHENOL
                                                                 390U ACENAPHTHENE
                                                                      2.4-DINITROPHENOL
                                                                 8300
                                                                 930U 4-NITROPHENOL
    390U I, 3-DICHLOROBENZENE
                                                                 390U DIBENZOFURAN
    390U 1,4-DICHLOROBENZENE
                                                                 390U 2.4-DINITROTOLUENE
         1.2-DICHLOROBENZENE
    390U
                                                                 3900 DIETHYL PHTHALATE
    390Ŭ
         2-METHYLPHENOL
                                                                 3900
                                                                      4-CHLOROPHENYL PHENYL ETHER
         2,2'-CHLOROISOPROPYLETHER
    390U
                                                                 390U FLUORENE
   3900
         (3-AND/OR 4-)METHYLPHENOL
                                                                 9300
                                                                      4-NITROANILINE
   390U N-NITROSODI-N-PROPYLAMINE
                                                                      2-ME1HYL-4,6-DINITROPHENOL
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
                                                                 9300
    390U
        HEXACHLOROE THANE
                                                                 3900
    390U NITROBENZENE
                                                                     4-BROMOPHENYL PHENYL ETHER
                                                                 3900
    390U
         ISOPHORONE
                                                                 390U HEXACHLOROBENZENE (HGB)
         2-NITROPHENOL
    390U
                                                                 9300
                                                                      PENTACHLOROPHENOL
    390Ü
         2.4 DIMETHYLPHENOL
                                                                 390U
                                                                      PHENANTHRENE
         BIS(2-CHLOROETHOXY) METHANE
    390U
                                                                 390U
390U
                                                                      ANTHRACENE
         2,4-DICHLOROPHENOL
    390U
                                                                      CARBAZOLE
         1.2.4-TRICHLOROBENZENE
    3900
                                                                      DI-N-BUTYLPHTHALATE
                                                                 390Ŭ
    390Ŭ
         NAPHTHALENE
                                                                 390U
                                                                      FLUORANTHENE
    390U
         4-CHLOROANILINE
                                                                 3900
                                                                      PYRENE
         HEXACHLOROBUTADIENE
    3900
                                                                 390U
390U
                                                                      BENZYL BUTYL PHTHALATE
         4-CHLORO-3-METHYLPHENOL
    3900
                                                                      3,3'-DICHLOROBENZIDINE
         2-METHYLNAPHTHALENE
    390U
                                                                 390U
390U
                                                                      BÉNZO(A)ANTHRACENE
         HEXACHLOROCYCLOPENTADIENE (HCCP)
    390U
         2.4.6-TRICHLOROPHENOL
                                                                      CHRYSENE
    390U
                                                                      BIS(2-ETHYLHEXYL) PHTHALATE
DI-N-OCTYLPHTHALATE
BENZO(B AND/OR K)FLUORANTHENE
                                                                2200Ü
         2.4.5-TRICHLOROPHENOL
   930U
                                                                 3900
         2-CHLORONAPHTHALENE
    390U
                                                                 390U
   930U
         2-NITROANILINE
                                                                      BENZO-A-PYRENE
                                                                 3900
         DIMETHYL PHTHALATE
    390U
                                                                      INDENO (1.2,3 CD) PYRENE
                                                                 390U
    390U
         ACENAPHTHYLENE
                                                                 3900
                                                                      DIBENZO(A, H) ANTHRACENE
    390U
         2.6-DINITROTOLUENE
                                                                      BENZO(GHI)PERYLENE
PERCENT MOISTURE
                                                                 3900
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\*\*\*REMARKS\*\*\*

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EXTRACTABLE ORGANICS DATA REPORT
* *
* *
                                SAS NO.: D. NO.: JAO5
                                                                                                                             * *
UG/KG ANALYTICAL RESULTS
   UG/KG ANALYTICAL RESULTS
                                                                   960U 3-NITROANILINE
960U ACENAPHTHENE
960U 2.1-DINITROPHENOL
400U 4-NITROPHENOL
    400U PHENOL
    400U BIS(2-CHLOROETHYL) ETHER
400U 2-CHLOROPHENOL
    400U 1,3-DICHLOROBENZENE
                                                                    400U DIBENZOFURAN
400U 2,4-DINITROTOLUENE
    400U 1.4-DICHLOROBENZENE
    400U 1,2-DICHLOROBENZENE
                                                                    4000 DIETHYL PHTHALATE
   4000 2-METHYLPHENOL
4000 2.2'-CHLOROISOPROPYLETHER
                                                                    400U 4-CHLOROPHENYL PHENYL ETHER
         (3-AND/OR 4-)METHYLPHENOL
                                                                    960U FLUORENE
    400U
    400U N-NITROSODI-N-PROPYLAMINE
                                                                    960U 4-NITROANILINE
                                                                    4000 2-MEIHYL-4.6-DINITROPHENOL
4000 N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
         HEXACHLOROE THANE
    400U
    400U NITROBENZENE
                                                                         4-BROMOPHENYL PHENYL ETHER
                                                                    400U
    400U ISOPHORONE
                                                                    960U HEXACHLOROBENZENE (HCB)
    400U 2-NITROPHENOL
                                                                         PENTACHLOROPHENOL
                                                                    400U
    400U 2.4 DIMETHYLPHENOL
   400U BIS(2-CHLOROETHOXY) METHANE
400U 2.4-DICHLOROPHENOL
400U 1.2.4-TRICHLOROBENZENE
                                                                         PHENANTHRENE
                                                                    400U
                                                                    400U
                                                                         ANTHRACENE
                                                                    400U
                                                                         CARBAZOLE
                                                                    400U DI-N-BUTYLPHTHALATE
         NAPHTHALENE
    400U
                                                                         FLUORANTHENE
                                                                    400U
    400U
         4-CHLOROANILINE
                                                                    400U
                                                                         PYRENE
    400U HEXACHLOROBUTADIENE
                                                                         BENZYL BUTYL PHTHALATE
3,3'-DICHLOROBENZIDINE
BENZO(A)ANTHRACENE
                                                                    400U
        4-CHLORO-3-METHYLPHENOL
    400U
    100U 2-METHYLNAPHTHALENE
                                                                    400U
    400U HEXACHLOROCYCLOPENTADIENE (HCCP)
                                                                    400U
         2,4,6-TRICHLOROPHENOL
2,4,5-TRICHLOROPHENOL
                                                                    400U
                                                                         CHRYSENE
    400U
                                                                         BIS(2-ETHYLHEXYL) PHTHALATE
                                                                   2700U
    960U
         2-CHLORONAPHTHALENE
                                                                   400UJ DI-N-OCTYLPHTHALATE
    400U
                                                                   400UJ BENZO(B AND/OR K)FLUORANTHENE
         2-NITROANILINE
    960U
                                                                   400UJ BENZO-A-PYRENE
    4000 DIMETHYL PHTHALATE
                                                                   400UJ INDENO (1,2,3 CD) PYRENE
400UJ DIBENZO(A,H)ANTHRACENE
        ACENAPHTHYLENE
    400U
    400U 2.6-DINITROTOLUENE
                                                                   400UJ BENZO(GHI)PERYLENE
                                                                      19 PERCENT MOISTURE
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\*\*\*REMARKS\*\*\*

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EXTRACTABLE ORGANICS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88793 SAMPLE TYPE: SOIL PROGELEM: NSF COLLECTED BY: F.M. CARNS SOURCE: OLD CHERRY GROVE LF STATION ID: 005-SS ST: SC COLLECTION START: 08/24/94 1129 STOP: 00/00/00
                                                                                                                                   * *
                                                                                                                                   * *
                                                                                                                                   * *
                                                                                                                                   * *
                                               SAS NO.:
                                                                      D. NO.: JA06
   CASE NO.: 22582
UG/KG
                                                                                ANALYTICAL RESULTS
             ANALYTICAL RESULTS
    UG/KG
                                                                      1300U 3-NITROANILINE
    530U PHENOL
                                                                       530U ACENAPHTHENE
   530U BIS(2-CHLOROETHYL) ETHER
530U 2-CHLOROPHENOL
530U 1,3-DICHLOROBENZENE
                                                                      1300U 2.4-DINITROPHENOL
                                                                      1300U 4-NITROPHENOL
                                                                       5300 DIBENZOFURAN
    530U 1.4-DICHLOROBENZENE
                                                                       5300
                                                                             2.4-DINITROTOLUENE
    530U 1.2-DICHLOROBENZENE
   530Ú 2-METHYLPHENOL
530Ú 2,2'-CHLOROISOPROPYLETHER
                                                                       5300 DIETHYL PHTHALATE
                                                                       530U 4-CHLOROPHENYL PHENYL ETHER
530U FLUORENE
    530U (3-AND/OR 4-)METHYLPHENOL
                                                                      13000
                                                                             4-NITROANILINE
    530U N-NITROSODI-N-PROPYLAMINE
                                                                       3000 2-METHYL-4.6-DINITROPHENOL
5300 N-NITROSODIPHENYLAMINE / DIPHENYLAMINE
   5300 HEXACHLOROE HANE
5300 NITROBENZENE
                                                                      13000
                                                                       530U 4-BROMOPHENYL PHENYL ETHER
         ISOPHORONE
    530U
                                                                       530U HEXACHLOROBENZENE (HCB)
    530U 2-NITROPHENOL
                                                                             PENTACHLOROPHENOL
                                                                      13000
    530U 2,4 DIMETHYLPHENOL
                                                                             PHENANTHRENE
                                                                       530U
    530U BIS(2-CHLOROETHOXY) METHANE
                                                                             ANTHRACENE
                                                                       530U
    530U 2.4-DICHLOROPHENOL
                                                                       530Ŭ
                                                                             CARBAZOLE
    530U 1,2,4-TRICHLOROBENZENE
                                                                             DI-N-BUTYLPHTHALATE
                                                                       530U
    5300
         NAPHTHAL ENE
                                                                       5300
                                                                             FLUORANTHENE
    5300
          4-CHLOROANILINE
                                                                             PYRENE
         HEXACHLOROBUTADIENE
                                                                       530U
    530U
   530U 4-CHLORO-3-METHYLPHENOL
530U 2-METHYLNAPHTHALENE
530U HEXACHLOROCYCLOPENTADIENE (HCCP)
                                                                       530U
                                                                             BENZYL BUTYL PHTHALATE
                                                                             3,3'-DICHLOROBENZIDINE
                                                                       5300
                                                                             BENZO(A) ANTHRACENE
                                                                       5300
    530U 2,4,6-TRICHLOROPHENOL
                                                                             CHRYSENÉ
                                                                       530U
                                                                             BIS(2-ETHYLHEXYL) PHTHALATE
   1300U 2,4,5-TRICHLOROPHENOL
                                                                       530U
   530U 2-CHLORONAPHTHALENE
1300U 2-NITROANILINE
530U DIMETHYL PHTHALATE
                                                                             DI-N-OCTYLPHTHALATE
                                                                       5300
                                                                             BENZO(B AND/OR K)FLUORANTHENE
                                                                       5300
   13000
                                                                       530U
                                                                             BENZO-A-PYRENE
                                                                             INDENO (1.2.3-CD) PYRENE
DIBENZO(A,H)ANTHRACENE
    530U ACENAPHTHYLENE
                                                                       530U
                                                                       5300
         2.6-DINITROTOLUENE
    5300
                                                                             BENZO(GHI)PERYLENE
                                                                       530U
                                                                             PERCENT MOISTURE
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\*\*\*RFMARKS\*\*\*

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EXTRACTABLE ORGANICS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88794 SAMPLE TYPE: SOIL
SOURCE: OLD CHERRY GROVE LF
STATION ID: 006-SS
ST: SC
COLLECTION START: 08/24/94 1145 STOP: 00/00/00
    STATION ID: 006-SS
                                                                                                                                 * *
                                                                    D. NO.: JAO7
                                             SAS NO.:
UG/KG ANALYTICAL RESULTS
    UG/KG ANALYTICAL RESULTS
                                                                     1400U 3-NITROANILINE
580U ACENAPHTHENE
    580U PHENOL
   580U BIS(2-CHLOROETHYL) ETHER
580U 2-CHLOROPHENOL
580U 1.3-DICHLOROBENZENE
                                                                     1400U 2,4-DINITROPHENOL
                                                                     1400U 4-NITROPHENOL
                                                                      580U DIBENZOFURAN
    580U 1,4 DICHLOROBENZENE
                                                                           2,4-DINITROTOLUENE
                                                                      5800
    580U 1,2-DICHLOROBENZENE
580U 2-METHYLPHENOL
                                                                      5800 DIETHYL PHTHALATE
                                                                      580U 4-CHLOROPHENYL PHENYL ETHER
    580Ū
         2.2'-CHLOROISOPROPYLETHER
   580U (3-AND/OR 4-)METHYLPHENOL
580U N-NITROSODI-N-PROPYLAMINE
                                                                      580U FLUORENE
                                                                     1400U 4-NITROANILINE
                                                                     14000 2-ME INVL-1.6-DINITROPHENOL
5800 N-NITROSODIPHENYLAMINE ZDIPHENYLAMINE
                                                                     14009
    5800 HEXACHLORDETHANE
    580U NITROBENZENE
                                                                      580U 4-BROMOPHENYL PHENYL ETHER
    580U ISOPHORONE
                                                                      580U HEXACHLOROBENZENE (HCB)
    5800 2-NTTROPHENOL
                                                                     1400U PENTACHLOROPHENOL
    580U 2.4 DIMETHYLPHENOL
                                                                     580U PHENANTHRENE
580U ANTHRACENE
580U CARBAZOLE
         BIS(2-CHLOROETHOXY) METHANE
    580U
    580U 2,4-DICHLOROPHENOL
580U 1,2,4-TRICHLOROBENZENE
                                                                      580U
                                                                           DI-N-BUTYLPHTHALATE
    580U NAPHTHALENE
                                                                           FLUORANTHENE
                                                                      72J
    580U 4-CHLOROANILINE
                                                                      580U
                                                                           PYRENE
    580U HEXACHLOROBUTADIENE
                                                                      5800
                                                                           BENZYL BUTYL PHTHALATE
    580U 4-CHLORO-3-METHYLPHENOL
                                                                           3,3'-DICHLOROBENZIDINE
BENZO(A)ANTHRACENE
                                                                      5800
    580U 2-METHYLNAPHTHALENE
    580U HEXACHLOROCYCLOPENTADIENE (HCCP)
                                                                      580U
   580U 2,4,6-TRICHLOROPHENOL
1400U 2,4,5-TRICHLOROPHENOL
                                                                      580U
                                                                           CHRYSENE
                                                                      7000 BIS(2-ETHYLHEXYL) PHTHALATE
                                                                           DI-N-OCTYLPHTHALATE
   580Ŭ
         2-CHLORONAPHTHALENE
                                                                     580UJ
                                                                           BENZO(B AND/OR K)FLUORANTHENE
                                                                     580UJ
   1400U 2-NITROANILINE
                                                                           BENZO-A-PYRENE
INDENO (1.2.3 CD) PYRENE
DIBENZO(A,H)ANTHRACENE
    580U DIMETHYL PHTHALATE
                                                                     580UJ
                                                                     580UJ
    580U ACENAPHTHYLENE
                                                                     580UJ
    580U 2.6-DINITROTOLUENE
                                                                     580UJ BENZO(GHI)PÉRYLENE
                                                                        43 PERCENT MOISTURE
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\*\*\*RFMARKS\*\*\*

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EXTRACTABLE ORGANICS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88795 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: F.M. CARNS SOURCE: OLD CHERRY GROVE LF
                                                                   CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1155 STOP: 00/00/00
    SOURCE: OLD CHERRY GROVE LF
STATION ID: 007-SS
                                                                                                                           . .
                                             SAS NO.:
                                                                   D. NO.: JA08
   CASE NO.: 22582
UG/KG ANALYTICAL RESULTS
             ANALYTICAL RESULTS
    UG/KG
                                                                  2000U 3-NITROANILINE
    820U PHENOL
   8200 BIS(2-CHLOROETHYL) ETHER
8200 2-CHLOROPHENOL
                                                                   820U ACENAPHTHENE
                                                                  20000
                                                                         2, 4-DINITROPHENOL
                                                                  2000U 4-NITROPHENOL
    8200
         1.3-DICHLOROBENZENE
                                                                   820U DIBENZOFURAN
    820U
         1.4-DICHLOROBENZENE
                                                                         2,4-DINITROTOLUENE
                                                                   820U
    820U
         1.2-DICHLOROBENZENE
                                                                  820U DIETHYL PHTHALATE
820U 4-CHLOROPHENYL PHE
820U FLUORENE
2000U 4-NITROANILINE
         2-METHYLPHENOL
    8200
                                                                        4-CHLOROPHENYL PHENYL ETHER FLUORENE
         2.2'-CHLOROISOPROPYLETHER
    820U
         (3-AND/OR 4-)METHYLPHENOL
   820U
    820Ŭ
         N-NITROSODI-N-PROPYLAMINE
                                                                        2-ME INVL-4.6-DINITROPHENOL
N-NITROSODIPHENYLAMINEZDIPHENYLAMINE
                                                                  20000
    8200
         HEXACHLOROE!HANE
                                                                   820U
    8200
         NITROBENZENE
                                                                         4-BROMOPHENYL PHENYL ETHER
         ISOPHORONE
                                                                   820U
   820U
820U
                                                                        HEXACHLOROBENZENE (HCB)
         2-NITROPHENOL
                                                                   820U
                                                                         PENTACHLOROPHENOL
                                                                  20000
   820Ü
         2.4 DIMETHYLPHENOL
                                                                   230J
820U
820U
                                                                         PHENANTHRENE
    820U
         BIS(2-CHLOROETHOXY) METHANE
                                                                         ANTHRACENE
         2.4-DICHLOROPHENOL
    820U
                                                                         CARBAZOLE
    820Ū
         1,2,4-TRICHLOROBENZENE
                                                                   820U
                                                                         DI-N-BUTYLPHTHALATE
    820U
         NAPHTHALENE
                                                                   320J
                                                                         FLUORANTHENE
    820U
         4-CHLOROANILINE
         HEXACHLOROBUTADIENE
                                                                   540J
                                                                         PYRENE
    820U
                                                                         BENZYL BUTYL PHTHALATE
                                                                   820U
   820Ŭ
         4-CHLORO-3-METHYLPHENOL
                                                                         3,3'-DICHLOROBENZIDINE
                                                                   820Ŭ
   820Ú
         2-METHYLNAPHTHALENE
                                                                   820U
                                                                         BÉNZO(A)ANTHRACENE
         HEXACHLOROCYCLOPENTADIENE (HCCP)
   820U
                                                                   820U
820U
                                                                         CHRYSENÉ
         2,4,6-TRICHLOROPHENOL
   820U
                                                                         BIS(2-ETHYLHEXYL) PHTHALATE
         2.4.5-TRICHLOROPHENOL
   20000
         2-CHLORONAPHTHALENE
2-NITROANILINE
                                                                         DI-N-OCTYLPHTHALATE
                                                                  820UJ
   820U
                                                                         BENZO(B AND/OR K) FLUORANTHENE
                                                                   200J
   20000
         DIMETHYL PHTHALATE
                                                                  820UJ
                                                                         BENZO-A-PYRENE
   820U
                                                                         INDENO (1.2.3-CD) PYRENE
                                                                  820UJ
   820U
                                                                  820UJ
                                                                         DIBENZO(A, H) ANTHRACENE
   820U 2.6-DINITROTOLUENE
                                                                         BENZO(GHI)PERYLENE
                                                                  820UJ
                                                                         PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

```
EXTRACTABLE ORGANICS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88796 SAMPLE TYPE: SOIL
                                                                  PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS ST: SC
COLLECTION START: 08/24/94 1130 STOP: 00/00/00
    SOURCE: OLD CHERRY GROVE LF
                                                                                                                           * *
    STATION ID: 008-SS
                                                                                                                           * *
                                   SAS NO.: D. NO.: JAO9
                                                                                                                           * *
** CASE NO.: 22582
UG/KG ANALYTICAL RESULTS
   UG/KG ANALYTICAL RESULTS
                                                                  900U 3-NITROANILINE
370U ACENAPHTHENE
900U 2,4-DINITROPHENOL
900U 4-NITROPHENOL
    370U PHENOL
370U BIS(2-CHLOROETHYL) ETHER
    370U 2-CHLOROPHENOL
    370U 1,3-DICHLOROBENZENE
                                                                   370U DIBENZOFURAN
    370U 1.4-DICHLOROBENZENE
                                                                   370U 2.4-DINITROTOLUENE
    370U 1.2-DICHLOROBENZENE
                                                                   3700 DIETHYL PHTHALATE
    370U
         2-METHYLPHENOL
                                                                   370U 4-CHLOROPHENYL PHENYL ETHER
    370Ū
         2,2'-CHLOROISOPROPYLETHER
                                                                   370U FLUORENE
    3700
         (3-AND/OR 4-)METHYLPHENOL
                                                                   900U 4-NITROANILINE
    3700
         N-NITROSODI-N-PROPYLAMINE
                                                                   9000 2-METHYL-4,6-DINITROPHENOL
3700 N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
    37011
         HEXACHLOROE THANE
    3700
         NITROBENZENE
                                                                   370U 4-BROMOPHENYL PHENYL ETHER
         ISOPHORONE
    3700
                                                                   3700 HEXACHLOROBENZENE (HCB)
         2-NITROPHENOL
    370U
                                                                   900U
                                                                        PENTACHLOROPHENOL
         2.4 DIMETHYLPHENOL
    3700
         BIS(2-CHLOROETHOXY) METHANE
2,4-DICHLOROPHENOL
                                                                   370Ú
                                                                        PHENANTHRENE
    370U
                                                                   370U
                                                                        ANTHRACENE
    3700
                                                                        CARBAZOLE
                                                                   370U
    370Ŭ
         1,2,4-TRICHLOROBENZENE
                                                                   370U DI-N-BUTYLPHTHALATE
    3700
         NAPHTHALENE
                                                                   370U
                                                                        FLUORANTHENE
    370U
         4-CHLOROANILINE
                                                                   3700
         HEXACHLOROBUTADIENE
                                                                        PYRENE
    3700
                                                                        BENZYL BUTYL PHTHALATE
                                                                   370U
         4-CHLORO-3-METHYLPHENOL
    370U
                                                                        3,3'-DICHLOROBENZIDINE
BENZO(A)ANTHRACENE
                                                                   370U
         2-METHYLNAPHTHALENE
    370U
                                                                   370U
    370U
         HEXACHLOROCYCLOPENTADIENE (HCCP)
                                                                   370U
                                                                        CHRYSENE
    3700
         2.4.6-TRICHLOROPHENOL
                                                                        BIS(2-ETHYLHEXYL) PHTHALATE
         2.4.5-TRICHLOROPHENOL
                                                                   620U
   900U
370U
                                                                        DI-N-OCTYLPHTHALATE
         2-CHLORONAPHTHALENE
                                                                  370UJ
                                                                        BENZO(B AND/OR K)FLUORANTHENE
                                                                  370UJ
    9000
         2-NITROANILINE
                                                                        BENZO-A-PYRENE
INDENO (1.2.3-CD) PYRENE
DIBENZO(A.H)ANTHRACENE
                                                                  370UJ
    370U
         DIMETHYL PHTHALATE
                                                                  370UJ
         ACENAPHTHYLENE
   3700
                                                                  370UJ
         2,6-DINITROTOLUENE
   3700
                                                                  370UJ BENZO(GHI)PERYLENE
                                                                        PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\* \*

\* \*

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROG ELEM: NSF COLLECTED BY: F.M. CARNS PROJECT NO. 94-0604 SAMPLE NO. 88789 SAMPLE TYPE: SOIL

SOURCE: OLD CHERRY GROVE LF CITY: NIXON CROS ST: SC

\* \* STATION ID: 001-SS COLLECTION START: 08/24/94 1130 STOP: 00/00/00

\* \* CASE NO : 22582 SAS NO.: D. NO.: JA02 MD NO: JA02 \* \*

ANALYTICAL RESULTS UG/KG

14 UNIDENTIFIED COMPOUNDS 10000J

\*\*\*FOOTNOTES\*\*\*

\* \*

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

<sup>\*</sup>K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

#### SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-REGION IV ESD. ATHENS. GA.

10/07/94

\* \*

\* \*

\* \*

\* \*

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT 

PROJECT NO. 94-0604 SAMPLE NO. 88791 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF STATION ID: 003-SS

CASE NO 22582

\* \*

\* \*

\* \*

SAS NO :

PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS ST: SC
COLLECTION START: 08/24/94 1207 STOP: 00/00/00
D. NO.: JAO4 MD NO: JAO4

ANALYTICAL RESULTS UG/KG

200.JN TETRAMETHY! PHENANTHRENE 4000.1 6 UNIDENTIFIED COMPOUNDS

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
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MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1222 STOP: 00/00/00 PROJECT NO. 94-0604 SAMPLE NO. 88792 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF \* \* \* \* \* \* CASE.NO.: 22582 D. NO.: JA05 MD NO: JAO5 \* \* SAS NO.: \* \* \* \* 

ANALYTICAL RESULTS UG/KG

20000J 8 UNIDENTIFIED COMPOUNDS

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

\* \*

\* \* \* \*

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 94-0604 SAMPLE NO. 88793 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: F.M. CARNS

SOURCE: OLD CHERRY GROVE LF STATION ID: 005-SS SAS NO.:

CITY: NIXON CROS COLLECTION START: 08/24/94 1129 STOP: 00/00/00

MD NO: JAO6 D. NO.: JA06

ANALYTICAL RESULTS UG/KG

20000J 8 UNIDENTIFIED COMPOUNDS

\*\*\*FOOTNOTES\*\*\*

\* \*

CASE.NO.: 22582

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

\* \*

\* \*

\* \* \* \*

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 94-0604 SAMPLE NO. 88794 SAMPLE TYPE: SOIL

SOURCE: OLD CHERRY GROVE LF

STATION ID: 006-SS CASE.NO.: 22582

\* \*

\* \*

\* \*

SAS NO.:

PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC

CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1145 STOP: 00/00/00

D. NO.: JA07

MD NO: JAO7

ANALYTICAL RESULTS UG/KG

CINNAMYLCINNAMATE 1000JN 40000J 16 UNIDENTIFIED COMPOUNDS

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1155 STOP: 00/00/00 PROJECT NO. 94-0604 SAMPLE NO. 88795 SAMPLE TYPE: SOIL \* \* SOURCE: OLD CHERRY GROVE LF \* \* \* \* \* \* \* \* CASE NO.: 22582 D. NO.: JA08 MD NO: JAO8 SAS NO.: \* \* \* \* \* \* \* \*

ANALYTICAL RESULTS UG/KG

60000J 13 UNIDENTIFIED COMPOUNDS

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT PROJECT NO. 94-0604 SAMPLE NO. 88796 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1130 STOP: 00/00/00 \* \* SOURCE: OLD CHERRY GROVE LF \* \* STATION ID: 008-SS \* \* \*\* MD NO: JAO9 D. NO.: JA09 \* \* CASE.NO.: 22582 SAS NO.: \* \* \* \* \* \*

ANALYTICAL RESULTS UG/KG

TETRAMETHYLPHENANTHRENE 100JN 300JN CINNAMYLCINNAMATE 10000J 7 UNIDENTIFIED COMPOUNDS

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Region 17 Environmental Services Division College Station Road, Athens, Ga. 30613

\*\*\*\*\*MEMORANDUM\*\*\*\*\*

DATE: 10/08/34

SUBJECT: Results of Metals Analysis;

94-0604 GLD CHERRY GROVE LF

NIXON CRCS SC CASE NO: 22582

FROM: Charles E. Hooper Solflutters Chief, Laboratory Evaluation/Quality Assurance Section

TC: JOHN CRISWELL

Attached are the results of analysis of samples collected as part of the subject project.

As a result of the Quality Assurance Review, certain data qualifiers may have been placed on the data. Attached is a DATA QUALIFIER REFORT which explains the reasons that these qualifiers were required.

If you have any questions please contact me.

ACTACHMENT

## INORGANIC DATA QUALIFIERS REPORT

Case Number: 22582
Project Number: 94-0604
Site: Old Cherry Grove LF, Nixon Crossing, SC

Element	Flag	Samples Affected	Reason
Al, Zn	Ü	All positives > IDL, but < CRDL	Baseline instability
Ca, Fe, Na	U	All positives > IDL, but < 10X contaminant level	Positives in blanks
Tl	JN	All positives with Al or Fe concentrations in solution > 160,000 ug/L	Suspected positive interference as noted in the contractor ICS
Pb	J	All with Al or Fe concentrations in solution > 60,000 ug/L	Suspected over correction as noted in the contractor ICS
Se	J	All with Al or Fe concentrations in solution > 120,000 ug/L	Suspected over correction as noted in the contractor ICS
Sb	J	A11	Matrix spike recovery = 71.4%
Se	U	MDJA02, 03, 06, & 07	% RSD > 20% for ICP multiple exposures and results > IDL, but < CRDL
Ag	Ŭ	MDJA05	<pre>% RSD &gt; 20% for ICP multiple exposures and results &gt; IDL, but &lt; CRDL</pre>
Cd	U	MDJA06	% RSD > 20% for ICP multiple exposures and results > IDL, but < CRDL
Sb	U	MDJA08	% RSD > 20% for ICP multiple exposures and results > IDL, but < CRDL
V	J	MDJA02	% RSD > 20% for ICP multiple exposures
К	J	MDJA04	% RSD > 20% for ICP multiple exposures
Ni	J	MDJA04, 05, 06, & 07	% RSD > 20% for ICP multiple exposures
Co	J	MDJA06 & 06	% RSD > 20% for ICP multiple exposures
As	J	MDJA05 & 08	Only analysis of 2X CRDL standard required by SOW for ICP analysis
Ве	J	MDJA05, 07, & 08	Only analysis of 2X CRDL standard required by SOW for ICP analysis

## INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 22582
Project Number: 94-0604
Site: Old Cherry Grove LF, Nixon Crossing, SC

Element Cd Samples Affected MDJA05 Reason
Only analysis of 2X CRDL standard required by SOW for ICP analysis Flag

METALS DATA REPORT		ELM WEGION IA	LOD, ATTIENS,	GA.	10/07/94
** PROJECT NO. 94-06  ** SOURCE: OLD CHERR  ** STATION ID: O01-5  ** CASE NUMBER: 2258	RY GROVE LF SS	* * * * * * * * * * * * * * * * SAMPLE TYPE: SOIL		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
780 2.7UJ ANTIMONY 0.57U ARSENIC 5.1 BARIUM 0.04U BERYLLIUM 0.51U CADMIUM 120 CALCIUM 1.7 CHROMIUM 0.46U COBALT 0.95 COPPER 90 IRON 5.1 LEAD 24 MAGNESIUM	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * *	MG/KG  1	NADIUM	

\*\*\*REMARKS\*\*\*

<sup>\*</sup>FOUNDIES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

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\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

METALS DATA REP	PORT						
*** * * * * * *	* * * * * * * *		* * * * * * *	* * * * *	* * * * * * * * *	* * * * * * * * *	* * * * * * * * * * * * * * * * * * * *
** PROJECT NO			TYPE: SOIL			CTED BY: F.M. CAR	NS **
** SOURCE: OL	D CHERRY GROVE LI	F			NIXON CROS	ST: SC	**
** STATION IC				COLLE	CTION START: 08/24	4/94 1157 STOP	: 00/00/00 **
** CASE NUMBE	R: 22582	SAS NUMBER:		MD N	UMBER: JAO3		**
**							**
*** * * * * * *	* * * * * * * *	* * * * * * * * * *	* * * * * * *	* * * * *	* * * * * * * * *		* * * * * * * * * * * * *
MG/KG		CAL RESULTS		MG/KG		YTICAL RESULTS	
1000 ALUMI				1.3	MANGANESE		
2.8UJ ANTIN				0.100	MERCURY		
0.60U ARSEN 2.5 BARIL				1.20	NICKEL		
2.5 BARIU				900	POTASSIUM		
0.050 BERYL				10	SELENIUM		
O.53U CADMI				0.390	SILVER		
89 CALCI				200	SODIUM		
1.9 CHROM				1.30	<u>THA</u> LLIUM		
O.48U COBAL				NA_	TIN		
.5 COPPE .70 IRON 4.2 LEAD	К			2.7	VANADIUM		
270 I RON				30	ZINC		
4.2 LEAD				13	PERCEN! MOISTURE		
17 MAGNE	SIUM						

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

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METALS DA	ATA REPORT				C. 7. 112		<b>450</b> , ////	2.13, 3/1.			10,01,04
*** * * PRO. ** SOUF	# # # # # # # # # # # # # # # # # # #	GROVE LF	* * * * * * * * * * * * * * * * * * *		TYPE:	* * * * SOIL	COLL	* * * * * * * ELEM: NSF : NIXON CROS ECTION START: NUMBER: JAO4		: SC	* * * * * * * *** ** 0/00 ** **
*** * * * * * * * * * * * * * * * * *	ALUMINUM ANTIMONY ARSENIC BARIUM BERYLLIUM CADMIUM CALCIUM CHROMIUM COBALT COPPER IRON LEAD MAGNESIUM	* * * * * ANALYTICA	* * * * * * L RESULTS	* * * :	* * * *	* * * * *	* * * * * MG/KG 7.2 0.11U 1.2J 110J 0.57H 0.40U 30U 1.3U NA 4.9 10	MANGANESE MERCURY NICKEL POTASSIUM SELENIUM SILVER SODIUM TIN VANADIUM ZINC PERCENI MOI	ANALYTICAL RE		* * * * * * * * *

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

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1000 POTASSIUM BARIUM 0.05J 0.580 BERYLLIUM SELENIUM 1J CADMIUM 10 SILVER 2400 CALCIUM 29 SODIUM 15 CHROMIUM 1.40 THALLIUM 1.9 COBALT NA TIN COPPER VANADIUM 6.3 34 15000 IRON ZINC 330 100J LEAD PERCENT MOISTURE 190 MAGNESIUM

\*\*\*REMARKS\*\*\*

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

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METALS DATA REPORT			• •
*** * * * * * * * * * * * * * * * * * *	* * * * * * * * * * *		* * * * * * * * * * * * * * * * * * * *
** PROJECT NO. 94-0604 SAMPLE NO. 88793 SAMPLE	TYPE: SOIL PROG	ELEM: NSF COLLECTED BY: F.M. CAR	RNS **
** SOURCE: OLD CHERRY GROVE LF		: NIXON CROS ST: SC	**
** STATION ID: 005-SS	COLL	ECTION START: 08/24/94 1129 STOP	o: 00/00/00 **
** CASE NUMBER: 22582 SAS NUMBER:	MD	NUMBER: JAO6	**
**			**
	* * * * * * * * * * *		
MG/KG ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS	
1400 ALUMINUM	40	MANGANESE	
1.6UJ ANTIMONY	Q. <u>15</u> U	MERCURY	
0.96U ARSENIC	2 <u>.</u> 3J	NICKEL	
12 BARIUM	1500	POTASSIUM	
O.O7U BERYLLIUM	20	SELENIUM	
2U CADMIUM	<u>0.</u> 62V	SILVER	
7100 CALCIUM	38	SODIUM	
2.5 CHROMIUM	2,10	THALLIUM	
O.85J COBALT	NA	TIN	
9.8 COPPER	2.6	VANADIUM	
240 IRON	100	ZINC	
7.6 LEAD	16	PERCENT MOISTURE	
130 MAGNESIUM			

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

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METALC DATA DEPORT	E/A REGION I	ESD, ATTENS, GA.	,0,01,01
METALS DATA REPORT			
*** * * * * * * * * * * * * * * * * *			
** PROJECT NO. 94-0604 SAMPLE NO	D. 88794 SAMPLE TYPE: SOIL	PROG ELEM: NSF COLLECTED BY: F	
** SOURCE: OLD CHERRY GROVE LF		CITY: NIXON CROS ST:	SC **
** STATION ID: 006-SS		COLLECTION START: 08/24/94 1145	STOP: 00/00/00 **
	5 NUMBER:	MD NUMBER: JAO7	**
**	J NOMBEN.	mb Nombert One	**
BAC /VC ANIAL VITICAL (		MG/KG ANALYTICAL RES	
MG/KG ANALYTICAL F	RESULTS		UL 13
6500 ALUMINUM		58 MANGANESE	
4.6UJ ANTIMONY		Q.18U MERCURY	
O.96U ARSENIC		2.9J NICKEL	
35 BARIUM		330 POTASSIUM	
O.20J BERYLLIUM		2U SELENIUM	
O.85U CADMIUM		Ö.G3U SILVER	
5800 CALCIUM		61 SODIUM	
6 CHROMIUM		2.10 THALLIUM	
0.88J COBALT		NA TIN	
1. 1 COPPER		6.9 VANADIUM	
/200 IRON		26 ZINC	
17 LEAD		47 PERCENT MOISTURE	
590 MAGNESIUM			

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

METALS DATA REPORT		EPA-REGION IV	CSU, AIRE	NS, GA.	10/07/94
** * * * * * * * * * * * * * * * * * *	GROVE LF	* * * * * * * * TYPE: SOIL	CITY: COLLEC	* * * * * * * * * * * * * * * * * * *	BY: F.M. CARNS ** ST: SC ** 1155 STOP: 00/00/00 ** **
MG/KG 13000 ALUMINUM 7UJ ANTIMONY 2.1J ARSENIC 83 BARIUM 0.30J BERYLLIUM 1.1U CADMIUM 17000 CALCIUM 12 CHROMIUM 12 CHROMIUM 2.8 COBALT 3 COPPER 3800 IRON 32 LEAD 730 MAGNESIUM	* * * * * * * * * * * * * * * * * * *		* * * * * * MG/KG 210 0.23U 6.1 410 2.6 0.84U 220 2.8U NA 14 180 60		T

\*\*\*REMARKS\*\*\*

<sup>\*</sup>FU-DINOTES\*\*\*

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\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

```
METALS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88796 SAMPLE TYPE: SOIL
                                                    PROG ELEM: NSF COLLECTED BY: F.M. CARNS
                                                    CITY: NIXON CROS ST: SC
COLLECTION START: 08/24/94 1130 STOP: 00/00/00
   SOURCE: OLD CHERRY GROVE LF
                                                                                                * *
   STATION ID: 008-SS
                                                                                                * *
* *
                                                    MD NUMBER: JA09
   CASE NUMBER: 22582
                        SAS NUMBER:
                                                                                                * *
                                                                                                **
MG/KG
                                                                 ANALYTICAL RESULTS
  MG/KG
                 ANALYTICAL RESULTS
                                                        MANGANESE
1000
       ALUMINUM
                                                 2
                                                        MERCURY
2.8UJ
       ANTIMONY
                                                 0.110
0.580
       ARSENIC
                                                 1.20
                                                        NICKEL
4.8
       BARIUM
                                                        POTASSIUM
                                                 900
0.040
       BERYLI TUM
                                                 0.540
                                                        SELENIUM
0.520
       CADMIUM
                                                 0.380
                                                        SILVER
120
       CALCIUM
                                                 69
                                                        SODIUM
                                                 1.30
       CHROMIUM
                                                        THALLIUM
0.470
       COBALT
                                                 NA
                                                        TIN
       COPPER
                                                 1.3
                                                        VANADIUM
450
       IRON
                                                 30
                                                        ZINC
       LEAD
                                                        PERCENT MOISTURE
34
       MAGNESIUM
```

\*\*\*REMARKS\*\*\*

<sup>\*</sup>NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*NA-NOT ANALYZED \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT. \*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

# SAMPLING PLAN SCREENING SITE INVESTIGATION OLD CHERRY GROVE LANDFILL SCD 987 597 432

Prepared By: Greg George
Site Screening Section
Bureau of Solid and Hazardous Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Date: August 24, 1994

cc: Harold Seabrook
Bubba Carnes
Waccamaw District, EQC

#### BACKGROUND

#### Permits and Authorization Requirements

Permission to sample has been obtained from Alvis Whitlock (901) 763-6702 of International Paper. Sampling activities will take place on August 24, 1994.

#### Site History and Description

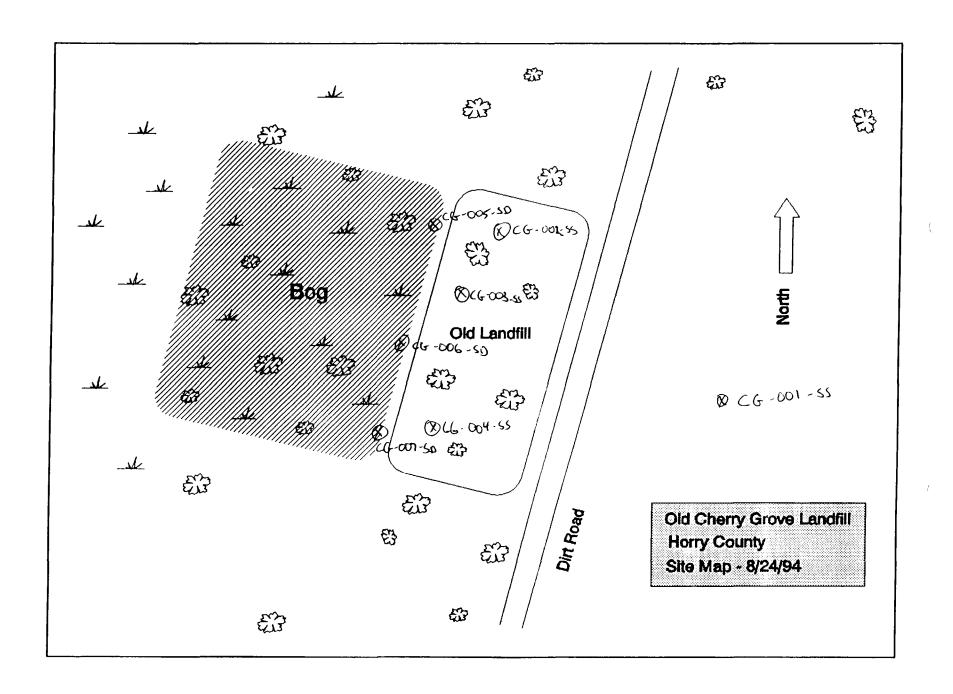
Old Cherry Grove Landfill is located just over three miles northwest of Cherry Grove in Horry County, South Carolina. It is located one mile to the west of South Carolina State Highway 9. The site is in a rural setting atop wetlands and among woodlands. A few individual dwellings and farms surround the landfill. The site coordinates are 33 degrees 51 minutes 56.1 seconds north latitude, and 78 degrees 40 minutes 56.2 seconds west longitude.

The total area of the property is 413 acres. The landfill is located on 17 acres of the 413 acre parcel. The landfill was a municipal landfill without a maintained daily cover. Scatter debris is visible on the surface. The property is not surrounded by a maintained fence. The topography is generally flat with a slight slope westward. There is not a well defined run-off pathway. Instead, water flows westward into a low boggy area.

The facility was in operation for a four year period from the early 1960's until solid waste disposal regulations came into effect in 1972. The primary operation conducted at the site was municipal waste dumping. Municipal garbage from the Town of Cherry Grove was dumped at the site. The landfill did not maintain a daily cover and had no liner. A one time cover was applied to the landfill at the time of closure, but has since eroded in some areas. Unpermitted municipal waste dumping has also occurred at the site.

The site is considered a waste pile. The total area of the waste pile is 17 acres. The volume of the waste pile is estimated at 275,000 cubic yards. During the time of operation, the site was owned by International Paper. No industrial dumping is suspected of occurring at the site. There are no major industries located near the site.

SCDHEC has done previous investigations at the site under the Enforcement and Solid Waste Permitting Sections. A closure plan was completed for SCDHEC by Engineering Tectonics. SCDHEC would not approve of the plan without a consent order from CRE, a previous owner. The owners did not sign a consent order and no further work was done on the site.



#### **SAMPLING INVESTIGATION**

# Sampling Strategy, Locations, and Options

International Paper has been offered the opportunity to split samples and has expressed a desire to obtain split samples. The sample locations will be marked by green flags. The following samples are proposed to assess the impact of the Old Cherry Grove Landfill site:

Sample Type	Sample #	Location/Rationale/Options
Surface Soil	CG-001-SS	This sample will be collected from the area across the dirt road from the landfill. The sample will be collected from the top two feet of soil. The location is accessible via the dirt road adjacent to the site. The sample is to be used as a background sample.
Surface Soil	CG-002-SS	This sample will be collected from the landfill area. It will be collected from the top two feet of soil. The sample is being collected to determine on-site waste characteristics.
Surface Soil	CG-003-SS	This sample will be collected from the landfill area. It will be collected from the top two feet of soil. The sample is being collected to determine on-site waste characteristics.
Surface Soil	CG-004-SS	This sample will be collected from the landfill area. It will be collected from the top two feet of soil. The sample is being collected to determine on-site waste characteristics.
Sediment	CG-005-SD	This sample will be collected from the boggy area west of the landfill. The sediment sample location is accessible by crossing the landfill from the dirt road. This sample is the northern most of the three sediment samples. The sample is being collected to determine if any contaminants are reaching the bog.

Sediment CG-006-SD

This sample will be collected from the boggy area west of the landfill. The sediment sample location is accessible by crossing the landfill from the dirt road. This sample is located south of sample CG-005-SD. The sample is being collected to determine if any contaminants are reaching the bog.

Sediment

CG-007-SD

This sample will be collected from the boggy area west of the landfill. The sediment sample location is accessible by crossing the landfill from the dirt road. This sample is the southern most of the three sediment samples. The sample is being collected to determine if any contaminants are reaching the bog.

#### **Analytical Parameters Requested**

Samples from both media will be analyzed for the chemicals found in the EPA Target Compounds List (TCL) (including pesticides and herbicides).

#### **APPENDIX**

#### STANDARD SAMPLE CODES

#### Water Samples

PW-Private Well
PB-Public (Municipal) Well
MW-Monitoring (Permanent) Well
IW-Industrial Well
SW-Surface Water
SP-Spring Water
LW-Leachate Water
TW-Temporary Well Point

#### Soil Samples

SS-Surface Soil
SB-Subsurface Soil
SZ-Saturation Zone
SD-Sediment
CS-Composite Soil (SS or SB)
LS-Leachate Soil
CB-Composite Soil Boring

#### Other Codes

SL-SLUDGE
WA-WASTE (as in, waste piles)
DR-DRUM
\*\*QC-Quality Control

All samples codes will consist of at least 6 characters in the following format:

Site Name - Sample Location Number - Sample Type

Example: Standard Auto Sampling Investigation - Sample-Number  $\underline{08}$  -  $\underline{T}$ emporary  $\underline{W}$ ell

Appropriate code: SA-008-TW

If you need additional identity for a particular sample location, add a suffix.

\*\*The QC sample code is usually for drilling water and sand pack samples and not for the Blank and Spike samples. Please disguise the Blank and Spike samples as one of the series of samples from the appropriate medium.

# TRIP REPORT SCREENING SITE INVESTIGATION OLD CHERRY GROVE LANDFILL SCD 987 597 432

Completed By: Greg George
Site Screening Section
Bureau of Solid and Hazardous Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Date: September 24, 1994

#### Site History and Description

Old Cherry Grove Landfill is located just over three miles northwest of Cherry Grove in Horry County, South Carolina. It is located one mile to the west of South Carolina State Highway 9. The site is in a rural setting atop wetlands and among woodlands. A few individual dwellings and farms surround the landfill. The site coordinates are 33 degrees 51 minutes 56.1 seconds north latitude, and 78 degrees 40 minutes 56.2 seconds west longitude.

The total area of the property is 413 acres. The landfill is located on 17 acres of the 413 acre parcel. The landfill was a municipal landfill without a maintained daily cover. Scatter debris is visible on the surface. The property is not surrounded by a maintained fence. The topography is generally flat with a slight slope westward. There is not a well defined run-off pathway. Instead, water flows westward into a low boggy area.

The facility was in operation for a four year period from the early 1960's until solid waste disposal regulations came into effect in 1972. The primary operation conducted at the site was municipal waste dumping. Municipal garbage from the Town of Cherry Grove was dumped at the site. The landfill did not maintain a daily cover and had no liner. A one time cover was applied to the landfill at the time of closure, but has since eroded in some areas. Unpermitted municipal waste dumping has also occurred at the site.

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## **SAMPLING INVESTIGATION**

The following samples were collected to assess the impact of the Old Cherry Grove Landfill site:

Sample Type	Sample #	Location/Sample Composition
Surface Soil	CG-001-SS	This sample was collected from the area across the dirt road from the landfill approximately 50 yards south of the right of way and 7 yards from the road. The sample was collected from the top six inches of soil and was comprised of dark sandy soil. The sample is to be used as a background sample.
Surface Soil	CG-002-SS	This sample was collected from the northern end of the landfill area. It was collected from the top three inches of soil and was comprised of light brown sandy soil with a marbled pattern.
Surface Soil	CG-003-SS	This sample was collected from the center of the landfill area. It was collected from the top four inches of soil and was comprised of brown, gray, and black sandy soil.
Surface Soil	CG-004-SS	This sample was collected from the southern end of the landfill area. It was collected from the top six inches of soil and was comprised of dark brown soil. The sample was taken from a location with scattered household refuse - cans and paper.
Sediment	CG-005-SD	This sample was collected from the boggy area approximately 20 feet west of the bog entrance. The sample was collected from the top 8 inches of sediment and was comprised of black wet sandy soil.

Sediment

CG-006-SD

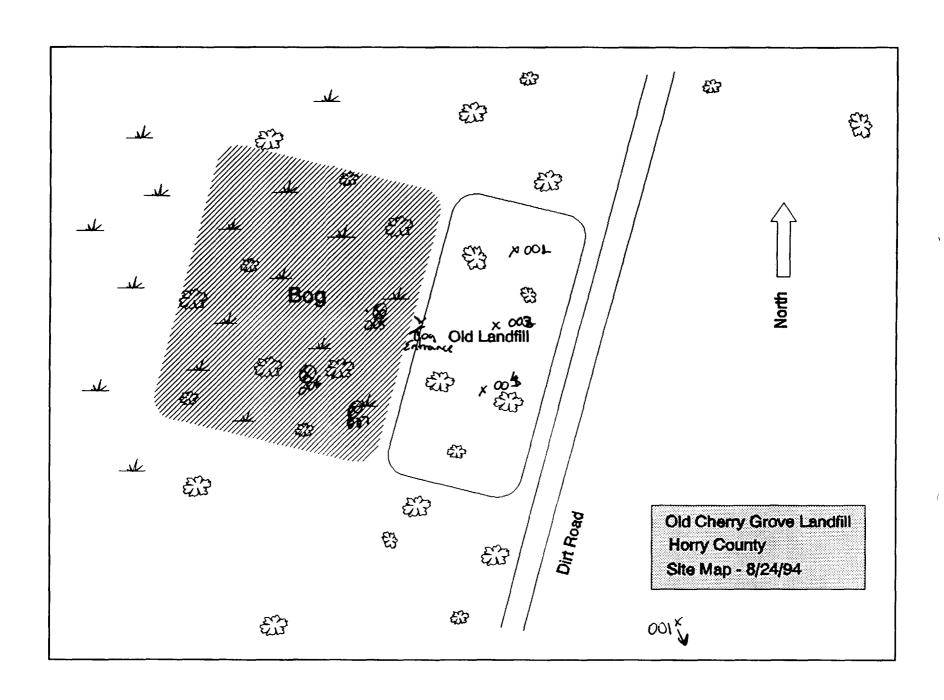
This sample was collected from the boggy area west of the landfill approximately 100 feet southwest of the bog entrance. The sample was collected from the top 8 inches of sediment and was comprised of dark brown silty sand.

Sediment

CG-007-SD

This sample was collected from the boggy area approximately 100 feet south of the bog entrance. The sample was collected from the top 7 inches of sediment and was comprised of black moist soil.

Samples 001 - 004 were collected by Bubba Carns and samples 005 - 006 were collected by Howard Mosely and Buck Corely. All samples were split by Rust Environmental for International Paper. The samples were collected into pyrex dishes and mixed after collection of the VOAs. There was no standing water where the sediment samples were collected. The following map depicts the sampling locations.





Site Screening Section
Bureau of Solid & Hazardous Waste Management

# **RECORD OF COMMUNICATION**

X Phone Call	
Discussion	
Site Visit	
Conference	
Other (Specify)	
TO: Old Cherry Grove Landfill file	FROM: Greg George
DATE: December 21, 1993	TIME: 3:30pm
SUBJECT: Conversation with Van Keisler c	oncerning the site.
CLIMANARY	

#### SUMMARY

Van informed me that the Closure plan was completed by the Owners. The owners requested approval of the plan and SCDHEC would not approve without a consent order. The site was referred to CERCLA and put on the inactive file in Permitting. No work has since been done on the site.



# MEMORANDUM

TO:

File

FROM:

Richard Bonds

Site Engineering Section

RE:

CRE Landfill Meeting

Room 405 Sins

1:00 PM

Tuesday, November 13, 1990

#### MEETING PARTICIPANTS:

#### SCDHEC:

Superfund Section:

Keith Lindler Richard Bonds Renee Shealy

Enforcement:

Solid Waste Permitting:

Dewey Pearson April Grunsky

Hydrogeology:

Mike Muthio Van Keisler Harry Mathis

#### CRE Group:

Bob Whelen, Gilford Mills Barry Nelson, Engineering Tectonics Fred Nubey, Attorney representing CRE investment group Charles Dameron, Representative of CRE investment group

CRE requested a meeting to discuss status of landfill. Engineering Tectonics, under contract from CRE investment group, performed a limited hydrogeological investigation at the CRE landfill and also submitted a closure and post closure plan to the Solid Waste Permitting Section. Because the landfill is unpermitted, it has been placed on the State CERCLIS list. CRE was informed of this in the meeting. were also informed that they must sign an administrative consent order before the Department (DHEC) will take any further action. Keith Lindler and Mike Muthig explained to CRE that this is a normal departmental procedure for nonpermitted sites. CRE stated that they felt DHEC had no regulatory authority over this landfill. Mike Muthig stated that the Department does have the right to place the CRE landfill on CERCLIS because of the uncertainty of wastes disposed of in unpermitted landfills.

CRE Landfill Meeting November 13, 1990 Page 2

#### In Summary:

- CRE Group was informed that the site is in the process of being placed on CERCLIS.
- 2. CRE Group was also informed that they must sign an administrative consent order with the Department to obtain Departmental review and approval of environmental work performed at the landfill.
- 3. CRE Group was informed that the site would eventually be scored and ranked by the State's pre-remedial section.
- 4. Cap specifications in the closure plan are approvable.
- 5. The meeting ended with the CRE Group not stating their intentions concerning the landfill.

To: April Gruntsky From: Barry Nelson

RECE

OCT 2 9 1990 S. C. DEPT. OF 1 ENVIRONMENT Bureau of So Id Waste Ma.

Please glue these revised paragraphs into the CRE Land Fill Closure Plan. Thanks

#### **OPERATIONAL HISTORY**

The exact dates of usage cannot be precisely determined due to the fact that 1) the incorporation of the individual towns along the Grand Strand into the City of North Myrtle Beach has resulted in incomplete records of individual municipal services by the towns prior to incorporation; 2) no documentation of a lease or agreement is on file at International Paper due to a records purge in 1981, and; 3) no state permits were required of landfills prior to 1972. The primary evidence for the four year operation is based on the fact that International Paper had numerous agreements across the nation for similar projects and that these normally were for a period of four years. This information was substantiated by Mr. Ollie Fick of International Paper's Atlanta, Georgia Office.

RECEIVED

OCT 29 1990

S. C. Dept. of Meetin A Environmental Control-Bureau of Solid & Hazardous Waste Management

# PRESCORE 3.0 - PRESCORE.TCL File 07/25/94 HRS DOCUMENTATION RECORD Old Cherry Grove Landfill - 03/31/95

PAGE: 1

 Site Name: Old Cherry Grove Landfill (as entered in CERCLIS)

2. Site CERCLIS Number: SCD 987 597 432

3. Site Reviewer: Greg George

4. Date: March 25, 1994

5. Site Location: Cherry Grove/Horry, SC (City/County, State)

6. Congressional District:

7. Site Coordinates: Single

Latitude: 33°51'56.1" Longitude: 078°40'56.2"

	Score
Ground Water Migration Pathway Score (Sgw)	7.67
Surface Water Migration Pathway Score (Ssw)	53.33
Soil Exposure Pathway Score (Ss)	0.00
Air Migration Pathway Score (Sa)	0.22

Site Score	26.94

#### NOTE

EPA uses the terms "facility," "site," and "release" interchangeably. The term "facility" is broadly defined in CERCLA to include any area where hazardous substances have "come to be located" (CERCLA Section 109(9)), and the listing process is not intended to define or reflect boundaries of such facilities or releases. Site names, and references to specific parcels or properties, are provided for general identification purposes only. Knowledge regarding the extent of sites will be refined as more information is developed during the RI/FS and even during implementation of the remedy.

# PREscore 3.0 - PRESCORE.TCL File 07/25/94 PAGE: 2 WASTE QUANTITY Old Cherry Grove Landfill - 03/31/95

1. WASTESTREAM QUANTITY SUMMARY TABLE, SOURCE: Landfill

a. Wastestream ID	
b. Hazardous Constituent Quantity (C) (lbs.)	0.00
c. Data Complete?	ИО
d. Hazardous Wastestream Quantity (W) (lbs.)	0.00
e. Data Complete?	ИО
f. Wastestream Quantity Value (W/5,000)	0.00E+00

# PREscore 3.0 - PRESCORE.TCL File 07/25/94 PAGE: 3 WASTE QUANTITY

Old Cherry Grove Landfill - 03/31/95

# 2. SOURCE HAZARDOUS WASTE QUANTITY FACTOR TABLE

a.	Source ID	Landfill	
b.	Source Type	Waste Pile	
c.	Secondary Source Type	N.A.	
d.	Source Vol.(yd3/gal) Source Area (ft2)	275000.00	0.00
e.	Source Volume/Area Value	1.10E+05	
f.	Source Hazardous Constituent Quantity (HCQ) Value (sum of 1b)	0.00E+00	
g.	Data Complete?	NO	
h.	Source Hazardous Wastestream Quantity (WSQ) Value (sum of 1f)	0.00E+00	
i.	Data Complete?	NO	
k.	Source Hazardous Waste Quantity (HWQ) Value (2e, 2f, or 2h)	1.10E+05	

#### PREscore 3.0 - PRESCORE.TCL File 07/25/94 PAGE: 4 WASTE QUANTITY Old Cherry Grove Landfill - 03/31/95

1. WASTESTREAM QUANTITY SUMMARY TABLE, SOURCE: Contaminated Soil

a. Wastestream ID	
b. Hazardous Constituent Quantity (C) (lbs.)	0.00
c. Data Complete?	NO
d. Hazardous Wastestream Quantity (W) (lbs.)	0.00
e. Data Complete?	NO
f. Wastestream Quantity Value (W/5,000)	0.00E+00

#### PRESCORE 3.0 - PRESCORE.TCL File 07/25/94 PAGE: 5 WASTE QUANTITY Old Cherry Grove Landfill - 03/31/95

#### 2. SOURCE HAZARDOUS WASTE QUANTITY FACTOR TABLE

a.	Source ID	Contaminated Soil	
b.	Source Type	Contaminated Soil	
c.	Secondary Source Type	N.A.	
d.	Source Vol.(yd3/gal) Source Area (ft2)	0.00	1.00
e.	Source Volume/Area Value	2.94E-05	
f.	Source Hazardous Constituent Quantity (HCQ) Value (sum of 1b)	0.00E+00	
g.	Data Complete?	NO	
h.	Source Hazardous Wastestream Quantity (WSQ) Value (sum of 1f)	0.00E+00	
i.	Data Complete?	NO	
k.	Source Hazardous Waste Quantity (HWQ) Value (2e, 2f, or 2h)	2.94E-05	

Source Hazardous Substances	Depth (feet)	Liquid	Concent.	Units
Aluminum	< 2	NO	5.2E+03	ppm
Barium	< 2	NO	3.6E+01	mqq
Lead	< 2	ИО	8.4E+01	mqq
Magnesium	< 2	ИО	1.9E+02	mqq
Manganese	< 2	ИО	1.4E+02	mqq
Vanadium	< 2	NO	6.3E+00	ppm
Zinc	< 2	ИО	3.3E+02	mqq

#### PREscore 3.0 - PRESCORE.TCL File 07/25/94 PAGE: 6 WASTE QUANTITY Old Cherry Grove Landfill - 03/31/95

#### 3. SITE HAZARDOUS WASTE QUANTITY SUMMARY

No. Source ID	Migration Pathways	Vol. or Area Value (2e)		Hazardous Waste Qty. Value (2k)
1 Landfill	GW-SW-SE-A	1.10E+05	0.00E+00	1.10E+05
2 Contaminated Soil	GW-SW-SE-A	2.94E-05	0.00E+00	2.94E-05

#### PREscore 3.0 - PRESCORE.TCL File 07/25/94 PAGE: 7 WASTE QUANTITY

Old Cherry Grove Landfill - 03/31/95

#### 4. PATHWAY HAZARDOUS WASTE QUANTITY AND WASTE CHARACTERISTICS SUMMARY TABLE

Migration Pathway	Contaminant Value	es	HWQVs*	WCVs**
Ground Water	Toxicity/Mobility	1.00E+02	10000	32
SW: Overland Flow, DW	Tox./Persistence	1.00E+04	10000	100
SW: Overland Flow, HFC	Tox./Persis./Bioacc.	5.00E+07	10000	560
SW: Overland Flow, Env	Etox./Persis./Bioacc.	5.00E+06	10000	320
SW: GW to SW, DW	Tox./Persistence	1.00E+02	10000	32
SW: GW to SW, HFC	Tox./Persis./Bioacc.	1.00E+03	10000	56
SW: GW to SW, Env	Etox./Persis./Bioacc.	1.00E+02	10000	32
Soil Exposure:Resident	Toxicity	1.00E+04	10	18
Soil Exposure: Nearby	Toxicity	1.00E+04	10	18
Air	Toxicity/Mobility	2.00E+00	10000	10

<sup>\*</sup> Hazardous Waste Quantity Factor Values

SW = Surface Water Note:

GW = Ground Water

DW = Drinking Water Threat HFC = Human Food Chain Threat Env = Environmental Threat

<sup>\*\*</sup> Waste Characteristics Factor Category Values

GROUND WATER MIGRATION PATHWAY Factor Categories & Factors	Maximum Value	Value Assigned
Likelihood of Release to an Aquifer Aquifer: Canepatch		
1. Observed Release 2. Potential to Release	550	0
2a. Containment	10	10
2b. Net Precipitation	10	3
2c. Depth to Aquifer 2d. Travel Time	5	5
2d. Travel Time  2e. Potential to Release	35	35
[lines 2a(2b+2c+2d)]	500	430
3. Likelihood of Release	550	430
Waste Characteristics		
4. Toxicity/Mobility	*	1.00E+02
5. Hazardous Waste Quantity	*	10000
6. Waste Characteristics	100	32
Targets		
7. Nearest Well	50	2.00E+01
8. Population		
8a. Level I Concentrations 8b. Level II Concentrations	**	0.00E+00 0.00E+00
8c. Potential Contamination	**	2.10E+01
8d. Population (lines 8a+8b+8c)	**	2.10E+01
9. Resources	5	5.00E+00
10. Wellhead Protection Area	20	0.00E+00
11. Targets (lines 7+8d+9+10)	**	4.60E+01
12. Targets (including overlaying aquifers)	**	4.60E+01
13. Aquifer Score	100	7.67
GROUND WATER MIGRATION PATHWAY SCORE (Sgw)	100	7.67

<sup>\*</sup> Maximum value applies to waste characteristics category.

<sup>\*\*</sup> Maximum value not applicable.

#### PREscore 3.0 - PRESCORE.TCL File 07/25/94 PAGE: SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET Old Cherry Grove Landfill - 03/31/95

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors DRINKING WATER THREAT	Maximum Value	Value Assigned
Likelihood of Release		
1. Observed Release	550	550
2. Potential to Release by Overland Flow 2a. Containment	10	10
2b. Runoff	25	1
2c. Distance to Surface Water	25	25
2d. Potential to Release by Overland Flow [lines 2a(2b+2c)] 3. Potential to Release by Flood	500	260
3a. Containment (Flood)	10	10
3b. Flood Frequency	50	25
3c. Potential to Release by Flood	500	250
(lines 3a x 3b)		
4. Potential to Release (lines 2d+3c)	500	500
5. Likelihood of Release	550	550
Waste Characteristics		
6. Toxicity/Persistence	*	1.00E+04
7. Hazardous Waste Quantity	*	10000
8. Waste Characteristics	100	100
Targets		
9. Nearest Intake 10. Population	50	0.00E+00
10a. Level I Concentrations	**	0.00E+00
10b. Level II Concentrations	**	0.00E+00
10c. Potential Contamination	**	0.00E+00
10d. Population (lines 10a+10b+10c)	**	0.00E+00
11. Resources	5	0.00E+00
12. Targets (lines 9+10d+11)	**	0.00E+00
13. DRINKING WATER THREAT SCORE	100	0.00

<sup>\*</sup> Maximum value applies to waste characteristics category. 
\*\* Maximum value not applicable.

## PRESCORE 3.0 - PRESCORE.TCL File 07/25/94 PAGE: SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET Old Cherry Grove Landfill - 03/31/95

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors HUMAN FOOD CHAIN THREAT	Maximum Value	Value Assigned
Likelihood of Release		
14. Likelihood of Release (same as line 5)	550	550
Waste Characteristics		
15. Toxicity/Persistence/Bioaccumulation 16. Hazardous Waste Quantity 17. Waste Characteristics	* * 1000	5.00E+07 10000 560
Targets		
18. Food Chain Individual 19. Population 19a. Level I Concentrations 19b. Level II Concentrations 19c. Pot. Human Food Chain Contamination 19d. Population (lines 19a+19b+19c) 20. Targets (lines 18+19d)	50 ** ** ** **	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
21. HUMAN FOOD CHAIN THREAT SCORE	100	0.00

<sup>\*</sup> Maximum value applies to waste characteristics category. 
\*\* Maximum value not applicable.

#### PREscore 3.0 - PRESCORE.TCL File 07/25/94 PAGE: SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET Old Cherry Grove Landfill - 03/31/95

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors ENVIRONMENTAL THREAT	Maximum Value	Value Assigned
Likelihood of Release		
22. Likelihood of Release (same as line 5)	550	550
Waste Characteristics		
23. Ecosystem Toxicity/Persistence/Bioacc. 24. Hazardous Waste Quantity 25. Waste Characteristics	* * 1000	5.00E+06 10000 320
Targets		
26. Sensitive Environments 26a. Level I Concentrations 26b. Level II Concentrations 26c. Potential Contamination 26d. Sensitive Environments (lines 26a+26b+26c) 27. Targets (line 26d)	* * * * * * * *	0.00E+00 2.50E+01 0.00E+00 2.50E+01
28. ENVIRONMENTAL THREAT SCORE	60	53.33
29. WATERSHED SCORE	100	53.33
30. SW: OVERLAND/FLOOD COMPONENT SCORE (Sof)	100	53.33

<sup>\*</sup> Maximum value applies to waste characteristics category.
\*\* Maximum value not applicable.

## PRESCORE 3.0 - PRESCORE.TCL File 07/25/94 PAGE: GROUND WATER TO SURFACE WATER MIGRATION COMPONENT SCORESHEET Old Cherry Grove Landfill - 03/31/95

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT Factor Categories & Factors DRINKING WATER THREAT	Maximum Value	Value Assigned
Likelihood of Release to Aquifer Aquifer: Canepatch		
1. Observed Release 2. Potential to Release	550	0
2a. Containment	10	10
2b. Net Precipitation 2c. Depth to Aquifer	10	3 5
2d. Travel Time	35	35
2e. Potential to Release		33
[lines 2a(2b+2c+2d)]	500	430
3. Likelihood of Release	550	430
Waste Characteristics		
4. Toxicity/Mobility/Persistence	*	1.00E+02
5. Hazardous Waste Quantity	*	10000
6. Waste Characteristics	100	32
Targets		
7. Nearest Intake 8. Population	50	0.00E+00
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	0.00E+00
8d. Population (lines 8a+8b+8c)	**	0.00E+00
9. Resources	5 **	0.00E+00
10. Targets (lines 7+8d+9)	**	0.00E+00
11. DRINKING WATER THREAT SCORE	100	0.00

<sup>\*</sup> Maximum value applies to waste characteristics category. 
\*\* Maximum value not applicable.

# PRESCORE 3.0 - PRESCORE.TCL File 07/25/94 PAGE: GROUND WATER TO SURFACE WATER MIGRATION COMPONENT SCORESHEET Old Cherry Grove Landfill - 03/31/95

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT Factor Categories & Factors HUMAN FOOD CHAIN THREAT	Maximum Value	Value Assigned
Likelihood of Release		
12. Likelihood of Release (same as line 3)	550	430
Waste Characteristics		
13. Toxicity/Mobility/Persistence/Bioacc. 14. Hazardous Waste Quantity 15. Waste Characteristics	* * 1000	1.00E+03 10000 56
Targets		
16. Food Chain Individual 17. Population 17a. Level I Concentrations 17b. Level II Concentrations 17c. Pot. Human Food Chain Contamination 17d. Population (lines 17a+17b+17c) 18. Targets (lines 16+17d)	50 ** ** ** **	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
19. HUMAN FOOD CHAIN THREAT SCORE	100	0.00

<sup>\*</sup> Maximum value applies to waste characteristics category.

<sup>\*\*</sup> Maximum value not applicable.

#### PREscore 3.0 - PRESCORE.TCL File 07/25/94 PAGE: GROUND WATER TO SURFACE WATER MIGRATION COMPONENT SCORESHEET Old Cherry Grove Landfill - 03/31/95

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT Factor Categories & Factors ENVIRONMENTAL THREAT	Maximum Value	Value Assigned
Likelihood of Release		
20. Likelihood of Release (same as line 3)	550	430
Waste Characteristics		
21. Ecosystem Tox./Mobility/Persist./Bioacc. 22. Hazardous Waste Quantity 23. Waste Characteristics	* * 1000	1.00E+02 10000 32
Targets		
24. Sensitive Environments 24a. Level I Concentrations 24b. Level II Concentrations 24c. Potential Contamination 24d. Sensitive Environments (lines 24a+24b+24c) 25. Targets (line 24d)	** ** ** **	0.00E+00 0.00E+00 5.00E-01 5.00E-01
26. ENVIRONMENTAL THREAT SCORE	60	0.08
27. WATERSHED SCORE	100	0.08
28. SW: GW to SW COMPONENT SCORE (Sgs)	100	0.08

<sup>\*</sup> Maximum value applies to waste characteristics category. 
\*\* Maximum value not applicable.

#### PAGE:

#### PREscore 3.0 - PRESCORE.TCL File 07/25/94 SOIL EXPOSURE PATHWAY SCORESHEET Old Cherry Grove Landfill - 03/31/95

		1
SOIL EXPOSURE PATHWAY		**- 7
Factor Categories & Factors RESIDENT POPULATION THREAT	Maximum Value	Value
RESIDENT POPULATION THREAT	value	Assigned
Likelihood of Exposure		
1. Likelihood of Exposure	550	550
Waste Characteristics		
2. Toxicity	*	1.00E+04
3. Hazardous Waste Quantity	*	10
4. Waste Characteristics	100	18
Targets		
5. Resident Individual	50	0.00E+00
6. Resident Population		
6a. Level I Concentrations	**	0.00E+00
6b. Level II Concentrations	**	0.00E+00
6c. Resident Population (lines 6a+6b)	**	0.00E+00
7. Workers	15	0.00E+00
8. Resources	5	0.00E+00
9. Terrestrial Sensitive Environments	***	0.00E+00
10. Targets (lines 5+6c+7+8+9)	**	0.00E+00
11. RESIDENT POPULATION THREAT SCORE	**	0.00E+00

<sup>\*</sup> Maximum value applies to waste characteristics category.

<sup>\*\*</sup> Maximum value not applicable.

\*\*\* No specific maximum value applies, see HRS for details.

#### PRESCORE 3.0 - PRESCORE.TCL File 07/25/94 PAGE: SOIL EXPOSURE PATHWAY SCORESHEET Old Cherry Grove Landfill - 03/31/95

SOIL EXPOSURE PATHWAY Factor Categories & Factors NEARBY POPULATION THREAT	Maximum Value	Value Assigned
Likelihood of Exposure		
12. Attractiveness/Accessibility 13. Area of Contamination 14. Likelihood of Exposure	100 100 500	5.00E+01 0.00E+00 0.00E+00
Waste Characteristics		
15. Toxicity 16. Hazardous Waste Quantity 17. Waste Characteristics	* * 100	1.00E+04 10 18
Targets		
18. Nearby Individual 19. Population Within 1 Mile 20. Targets (lines 18+19)	1 ** **	1.00E+00 5.40E-01 1.54E+00
21. NEARBY POPULATION THREAT SCORE	**	0.00E+00
SOIL EXPOSURE PATHWAY SCORE (Ss)	100	0.00

<sup>\*</sup> Maximum value applies to waste characteristics category. 
\*\* Maximum value not applicable.

#### PRESCORE 3.0 - PRESCORE.TCL File 07/25/94 PAGE: 10 AIR PATHWAY SCORESHEET Old Cherry Grove Landfill - 03/31/95

AIR MIGRATION PATHWAY Factor Categories & Factors	Maximum Value	Value Assigned
Likelihood of Release		
<ol> <li>Observed Release</li> <li>Potential to Release</li> <li>Gas Potential to Release</li> <li>Particulate Potential to Release</li> <li>Potential to Release</li> <li>Likelihood of Release</li> </ol>	550 500 500 500 550	0 60 60 60
Waste Characteristics		
4. Toxicity/Mobility 5. Hazardous Waste Quantity 6. Waste Characteristics	* * 100	2.00E+00 10000 10
Targets		
7. Nearest Individual 8. Population	50	2.00E+01
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	5.00E+00
8d. Population (lines 8a+8b+8c)	**	5.00E+00
9. Resources 10. Sensitive Environments	5	5.00E+00
10a. Actual Contamination	***	0.00E+00
10b. Potential Contamination	***	0.00E+00
10c. Sens. Environments(lines 10a+10b)	***	0.00E+00
11. Targets (lines 7+8d+9+10c)	**	3.00E+01
AIR MIGRATION PATHWAY SCORE (Sa)	100	2.18E-01

<sup>\*</sup> Maximum value applies to waste characteristics category.
\*\* Maximum value not applicable.

<sup>\*\*\*</sup> No specific maximum value applies, see HRS for details.

Susan

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV COLLEGE STATION RD. ATHENS, GA. 30613

\*\*\*\*MEMORANDUM\*\*\*\*\*

DATE: 03/24/95

SUBJECT: Results of Extractable Organic Analysis;

94-0604 OLD CHERRY GROVE LF

NIXON CROS SC CASE NO: 22582

FROM: Tom B. Bennett, Jr.

ESAT RPO

TO: JOHN CRISWELL

Attached are the results of analysis of samples collected as part of the subject project. These data replace those previously submitted to you on these samples

If you have any questions please contact me.

**ATTACHMENT** 

EPA-REGION IV ESD. ATHENS, GA. 03/17/95

EXTRACTABLE ORGANICS DATA REPORT	55,27,55
	* * * * * * * * * * * * * * * * * * * *
** PROJECT NO. 94-0604 SAMPLE NO. 88792 SAMPLE TYPE: SOIL	
** SOURCE: OLD CHERRY GROVE LF	CITY: NIXON CROS ST: SC **
** STATION ID: 004-SS	COLLECTION START: 08/24/94 1222 STOP: 00/00/00 **
**	**
** CASE NO.: 22582	D. NO.: JA05 **
UG/KG ANALYTICAL RESULTS	UG/KG ANALYTICAL RESULTS
400U PHENOL	960U 3-NITROANILINE
4000 FRENOD 400U BIS(2-CHLOROETHYL) ETHER	400U ACENAPHTHENE
400U 2-CHLOROPHENOL	960U 2,4-DINITROPHENOL
400U 1,3-DICHLOROBENZENE	960U 4-NITROPHENOL
400U 1,4-DICHLOROBENZENE	400U DIBENZOFURAN
400U 1,2-DICHLOROBENZENE	400U 2,4-DINITROTOLUENE
400U 2-METHYLPHENOL	400U DIETHYL PHTHALATE
400U 2.2'-CHLOROISOPROPYLETHER	400U 4-CHLOROPHENYL PHENYL ETHER
400U (3-AND/OR 4-)METHYLPHENOL	400U FLUORENE
400U N-NITROSODI-N-PROPYLAMINE	960U 4-NITROANILINE
400U HEXACHLOROETHANE	960U 2-METHYL-4,6-DINITROPHENOL
400U NITROBENZENE	400U N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
400U ISOPHORONE	400U 4-BROMOPHENYL PHENYL ETHER
400U 2-NITROPHENOL	400U HEXACHLOROBENZENE (HCB)
400U 2,4-DIMETHYLPHENOL	960U PENTACHLOROPHENOL
400U BÍS(2-CHLOROETHOXY) METHANE	400U PHENANTHRENE
400U 2,4-DICHLOROPHENOL	400U ANTHRACENE
400U 1,2,4-TRICHLOROBENZENE	400U CARBAZOLE
400U NAPHTHALENE	400U DI-N-BUTYLPHTHALATE
400U 4-CHLOROANILINE	400U FLUORANTHENE
400U HEXACHLOROBUTADIENE	400U PYRENE
400U 4-CHLORO-3-METHYLPHENOL	400U BENZYL BUTYL PHTHALATE
400U 2-METHYLNAPHTHALENE	400U 3,3'-DICHLOROBENZIDINE
400U HEXACHLOROCYCLOPENTADIENE (HCCP)	400U BENZO(A)ANTHRACENE
400U 2,4,6-TRICHLOROPHENOL	400U CHRYSENE
960U 2,4,5-TRICHLOROPHENOL	2700U BIS(2-ETHYLHEXYL) PHTHALATE
400U 2-CHLORONAPHTHALENE	400UJ DI-N-OCTYLPHTHALATE
960U 2-NITROANILINE	400UJ BENZO(B AND/OR K) FLUORANTHENE
400U DIMETHYL PHTHALATE	400UJ BENZO-A-PYRENE
400U ACENAPHTHYLENE	400UJ INDENO (1,2,3-CD) PYRENE
400U 2,6-DINITROTOLUENE	400UJ DIBENZO (A, H) ANTHRACENE
	400UJ BENZO (GHI) PERYLENE
	19 PERCENT MOISTURE

\*\*\*REMARKS\*\*\* \*\*\*REMARKS\*\*\*

#### \*\*\*FOOTNOTES\*\*\*

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\*\* PROJECT NO. 94-0604 SAMPLE NO. 88792 SAMPLE TYPE: SOIL

SOURCE: OLD CHERRY GROVE LF

SOURCE: OLD CHERRY GROVE LF STATION ID: 004-SS

CASE.NO.: 22582 SA

\*\*

\*\*

\*\*

\* \*

SAS NO.:

PROG ELEM: NSF COLLECTED BY: F.M. CARNS

CITY: NIXON CROS ST: SC

COLLECTION START: 08/24/94 1222 STOP: 00/00/00

D. NO.: JA05 MD NO: JA05

ANALYTICAL RESULTS UG/KG

20000J 8 UNIDENTIFIED COMPOUNDS

#### \*\*\*FOOTNOTES\*\*\*

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

<sup>\*</sup>K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

<sup>\*</sup>U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

<sup>\*</sup>R-OC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

#### REMEDIAL SITE ASSESSMENT DECISION - EPA REGION IV

Site Name: Old Cherry Grove Landfill (CRE Landfill) EPA ID#: SCD987597432					
Alias Site Names:					
City: Little River County or Parish: SC State:					
Refer to Report Dated: 12/20/93 Report type: PA					
Report developed by: SCDHEC					
DECISION:					
1. Further Remedial Site Assessment under CERCLA (Superfund) is <u>not</u> required because:					
1a. Site does not qualify for further remedial site assessment under CERCLA action, but is deferred to:   NRC (Site Evaluation Accomplished - SEA)					
XX  2. Further Assessment Needed Under CERCLA: 2a. (optional) Priority:     Higher   XX  Lower					
2b. Activity   PA   ESI Type:  XX  SI   HRS evaluation					
Other:					
DISCUSSION/RATIONALE: 17 acre landfill was owned by International Paper when operated as a mixed industrial/municipal dump. Surface water and groundwater pathways are of concern, although distance to sw and number of gw targets decreases site threats. Landfill cover has eroded, leaving most of LF contents exposed. SI needs to document if there has been a release to wetlands and fisheries in the vicinity, as well as document groundwater quality in the site vicinity. Low priority/for SI. 3/17/94. E. Bozeman.					
Report Reviewed and Approved by: Earl Bozeman Signature: Signature: Date: 3/17/94					
Site Decision  Made by: Earl Bozeman Signature: Signature: Date: 3/17/9/					

EPA Form # 9100-3

PRELIMINARY ASSESSMENT REPORT
Old Cherry Grove Landfill (CRE Landfill)
Horry County
South Carolina
SCD 987 597 432

Low Priority ST Gulf Brzen

Gulf Brzen

Completed by: Greg George Gregory Reviewed by: Robert Cole Fig.

Site Screening Section
Bureau of Solid & Hazardous Waste Management
South Carolina Department of Health and Environmental Control

Date Completed: December 20, 1993

#### TABLE OF CONTENTS

I.	SCOPE OF WORK
II.	INTRODUCTION/EXECUTIVE SUMMARY
III.	SITE DESCRIPTION, HISTORY AND WASTE CHARACTERISTICS
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	A. Hydrologic Setting
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	A. Physical Setting
VII.	SUMMARY AND CONCLUSIONS
VIII	DEEEDENCES

#### I. SCOPE OF WORK

Under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986, a Preliminary Assessment of the Old Cherry Grove Landfill site, located in Horry County, South Carolina has been conducted by the South Carolina Department of Health and Environmental Control (SCDHEC). The scope of this investigation included a review of SCDHEC files, demography, geology and topography of the area, and/or conversations with persons knowledgeable of this site. This report is a Site Screening tool used to support a decision for further investigation under the Federal Superfund Program. A field investigation is not normally conducted by the Site Screening Section during the Preliminary Assessment and has not been conducted at this site. Any recommendations or conclusions in this report are tentative and subject to concurrence by the US Environmental Protection Agency (EPA).

#### II. INTRODUCTION/EXECUTIVE SUMMARY

The Old Cherry Grove Landfill site is located in Little River, South Carolina in Horry County. The site sits on property owned by CRE Investment Company, and is no longer active. Before 1972, when solid waste regulations came into effect, Old Cherry Grove Landfill was owned by International Paper and was used as a municipal landfill by the town of Cherry Grove.

The amount of hazardous substances present at the site is unknown. The landfill is unlined and a daily cover was not maintained during operation. A one time soil cover was applied to the landfill at the time of closure. The soil cover has since eroded, exposing landfill materials. The landfill is 17 acres in size and found on a 413 acre parcel of land. Presently, scattered debris can be seen on the surface of the landfill. It is estimated that the landfill was in operation for a four year period, sometime between 1960 and 1972.

Runoff from the site flows westward into wetlands and an unnamed stream. The unnamed stream flows into the Waccamaw River. No surface water intakes are located within 15 miles downstream of the site. The Waccamaw River is a known fishery, and wetlands are located on both sides of the entire 15 mile surface water pathway.

Groundwater is used for public drinking water supply within four miles of the site. Private groundwater wells are located throughout the four mile site radius. Monitoring wells were installed on-site during previous work, but the samples were only analyzed for BOD, TOC, COD, total organic halogen, petroleum hydrocarbons, and total iron. The potential for a release to groundwater is high due to the lack of containment and the depth to groundwater (less than five feet).

The population within four miles of the site consists of the Town of Cherry Grove and rural dwellings. There are no residences located on the former landfill and no schools or day care facilities within 200 feet of the site.

The Old Cherry Grove Landfill site is given a "High" priority for further Federal action due to the potential to impact the surface water pathway. SCDHEC has done previous investigations at the site under the Enforcement and Solid Waste Permitting Sections. A closure plan was completed for SCDHEC by Engineering Tectonics. SCDHEC would not approve of the plan without a consent order from the owners. The owners did not sign a consent order and no further work was done on the site. No remedial or removal action has been conducted at the site.

#### III. SITE DESCRIPTION, HISTORY AND WASTE CHARACTERISTIC

#### A. Background

#### Owner and Operator History

<u>Date</u>	<u>Owner</u>	Land Use
1960 - 1985 1986 to Present	International Paper CRE Investors	Landfill (four years) Land Development
Contact:	Robert Whelen (919)292-7550	

(Ref. 19)

#### B. Location

Old Cherry Grove Landfill is located just over three miles northwest of Cherry Grove in Horry County, South Carolina. It is located one mile to the west of South Carolina State Highway 9. The site is in a rural setting atop wetlands and among woodlands. A few individual dwellings and farms surround the landfill. The site coordinates are 33 degrees 51 minutes 56.1 seconds north latitude, and 78 degrees 40 minutes 56.2 seconds west longitude (Ref. 1, 4).

#### C. Site Description

The total area of the property is 413 acres. The landfill is located on 17 acres of the 413 acre parcel (Ref. 16). The landfill was a municipal landfill without a maintained daily cover. Scatter debris is visible on the surface (Ref. 4). The property is not surrounded by a maintained fence (Ref. 20). The topography is generally flat with a slight slope westward towards the Waccamaw River (Ref. 1).

#### D. Operational History and Waste Characteristics

The facility was in operation for a four year period from the early 1960's until solid waste disposal regulations came into effect in 1972 (Ref. 4, 17). The primary operation conducted at the site was municipal waste dumping. Municipal garbage from the Town of Cherry Grove was dumped at the site. The landfill did not maintain a daily cover and had no liner. A one time cover was applied to the landfill at the time of closure, but has since eroded in some areas (Ref. 20). The site is, therefore, considered a waste pile. The total area of the waste pile is 17 acres. The volume of the waste pile is estimated at 275,000 cubic yards (Ref. 4, 20). During the time of operation, the site was owned by International Paper. It is not known whether any industrial waste was disposed of at the site. There are no major industries located near the site (Ref. 1, 4).

SCDHEC has done previous investigations at the site under the Enforcement and Solid Waste Permitting Sections. A closure plan was completed for SCDHEC by Engineering Tectonics. SCDHEC would not approve of the plan without a consent order from the owners. The owners did not sign a consent order and no further work was done on the site (Ref. 18).

#### IV. GROUNDWATER PATHWAY

#### A. Hydrogeologic Setting

According to Pelletier (1985) and a report by Engineering Tectonics, P.A. entitled Report of Investigations CRE Landfill Site, Cherry Grove Beach, South Carolina (dated June, 1990), the following geologic units underlie the site (Ref. 3):

Table I: Regional Hydrology at Old Cherry Grove Landfill			
Name of Formation	Description	Hydraulic Conductivity	Depth of Occurrence
Canepatch	Sand, sandyclay, and shelly sand	10⁴ cm/sec	0-40 Ft.
Pee Dee	Clay with sand and silty sand	10 <sup>-6</sup> cm/sec	40-315 Ft.
Black Creek	Sand interbedded with clay	10 <sup>-4</sup> cm/sec	315 Ft. +

(Ref. 3)

Regional hydrogeologic data indicates that the Pee Dee Formation contains a confining unit that exists within a two-mile radius of the site. The confining unit likely restricts the downward vertical migration of groundwater to the principal drinking-water aquifer located in the Black Creek Formation. The referenced facility is not located in an area of karst topography. Based on water levels in 11 on-site wells, the depth to groundwater ranges between 1 and 4 feet below ground surface. The predominant shallow groundwater flow direction beneath the southeastern portion of the landfill appears to be to the southeast towards a small pond. The predominant shallow groundwater flow direction beneath the remaining portions of the landfill appears to be to the southwest towards a wetlands area (Ref. 3). The net precipitation for this area of South Carolina is between 5 and 15 inches per year (Ref. 8).

#### B. Groundwater Targets

A well inventory within the four-mile site radius indicates the following uses of groundwater: irrigation, industrial, domestic, and public water supply (Ref. 3).

According to USGS topographic maps, the total groundwater population within four miles of the site is 2,691 people (Ref. 1). This number was generated by counting the number of residences within each radii and multiplying by 2.52 people per household for Horry County (Ref. 6). The main source of drinking water within four miles of the site comes from surface water. The City of North Myrtle Beach uses a blended system composed of 92% surface water and 8% groundwater. The groundwater wells used in the blended system are found within the three to four mile radii (Ref. 1, 14). The North Myrtle Beach system services 13,010 taps (Ref. 14). The nearest resident relying on a private drinking water well is estimated to be 500 feet southeast of the site (Ref. 1). Table II contains the breakdown of the groundwater drinking population in Horry County for both public and private wells (Ref. 1).

Table II: Groundwater Use Within Four Miles of Old Cherry Grove Landfill				
	PRIVATE SUPPLY	PUBLIC SUPPLY		
RADII (miles)	Population	Taps	Population	
0 - 1/4	8	0	0	
> 1/4 - 1/2	8	0	0	
> ½ - 1	50	0	0	
> 1 - 2	166	0	0	
> 2 - 3	232	0	0	
> 3 - 4	164	1,041*	2,623	
TOTAL:	628	1,041	2,623	

<sup>\* -</sup> Number of taps derived by multiplying 13,010 taps by .08 (the percentage of groundwater used in the blended system)

(Ref. 1, 21)

#### C. Groundwater Impact

A release to groundwater is likely due to the lack of containment and the fact that the waste pile is located within the water table (Ref. 3, 20). On-site monitoring wells were sampled

in 1991 by Engineering Tectonics, P.A. The samples were tested for BOD, TOC, COD, total organic halogen, petroleum hydrocarbons, and total iron. The groundwater sampling results indicated elevated levels of these parameters (Ref. 20)

#### V. SURFACE WATER

#### A. <u>Hydrologic Setting</u>

Based on topographic maps, overland drainage from the site flows to the west into wetlands. The wetlands contain a small stream that flows for approximately 3.5 miles before entering the Waccamaw River. The Waccamaw River completes the 15 mile surface water pathway (Ref. 1).

The flow rate for the small stream was determined by multiplying the drainage area to a region specific flow contribution factor of 1.0 cfs/mi<sup>2</sup>. The resulting stream flow for the unnamed stream is between 1 and 10 cfs (Ref. 1, 15). Old Cherry Grove Landfill is located within the 100 year flood plain (Ref. 10). The 2 year-24 hour rainfall value is 4.25 inches for Horry County (Ref. 7).

#### B. Surface Water Targets

There are no drinking water intakes located within the fifteen mile surface water pathway (Ref. 2). The Waccamaw River is a fishery according to the South Carolina Rivers Assessment (Ref. 5). There are wetlands along each side of the unnamed stream and along the Waccamaw River, totaling 30 miles of wetland frontage. (Ref. 1). The Waccamaw River is a recreational river used for boating, water skiing, and etc. (Ref. 5). There are no state or Federally endangered species within the surface water pathway (Ref. 2).

#### C. Surface Water Impact

The potential to impact surface water exists due to the lack of containment of on-site wastes (Ref. 20). The waste pile is in an area designated as wetlands (Ref. 14). The nearest perennial surface water is approximately five feet to the west of the site (Ref. 1).

#### VI. SOIL EXPOSURE PATHWAY & AIR PATHWAY

#### A. Physical Setting

There is potential for direct, on-site exposure to the waste found at Old Cherry Grove Landfill. The waste pile is uncovered and there is no fence to prevent access (Ref. 20). The site is inactive and there are no on-site residents (Ref. 1, 4). The waste pile is the only source of contamination at the site. No sampling of the waste source has been conducted.

#### B. Soil and Air Targets

The nearest resident is approximately 500 feet to the southeast (Ref. 1). There are no workers on-site (Ref. 17). No day care centers or schools are adjacent to or within 200 feet of the site (Ref. 1). There are no endangered species located within the four mile site radius (Ref. 2). According to U.S. Census Bureau information, the total population within four miles of the site is 12,011 (Ref. 16). The site is located in wetlands (Ref. 1, 20).

Table III: Population Within Four Miles of Old Cherry Grove Landfill			
Radii (miles)	Residents		
On-site	0		
0 - 1/4	24		
1/4 - 1/2	118		
1/2 - 1	540		
1 - 2	1962		
2 - 3	3684		
3 - 4	5683		
Total:	12011		

(Ref. 16)

#### C. Soil and Air Impact

The potential exists for the municipal waste on-site to contaminate on-site soil. It is unknown whether or not the waste pile contains hazardous substances. Any contaminants present on-site may have migrated off-site by means of rainwater runoff. The waste pile is uncovered and particulate dispersion due to wind is possible (Ref. 1, 20). It is not known whether contaminated soils have migrated onto private property.

#### VII. SUMMARY AND CONCLUSIONS

The Old Cherry Grove Landfill site was operated as a municipal landfill for four years before solid waste regulations came into effect. During that time, the property was owned by International Paper, whose nearest plant is over 40 miles to the south. The quantity of hazardous substances present on-site is unknown. The waste pile is unlined and uncovered in some areas. It is unknown if contamination has migrated onto surrounding properties or into surface waters. Groundwater may be contaminated near the site and is used for drinking water within the four mile site radius.

Based on available information, this site is assigned a "High" priority for further action under the Federal Superfund Program. SCDHEC has done previous investigations at the site under the Enforcement and Solid Waste Permitting Sections. A closure plan was completed for SCDHEC by Engineering Tectonics. SCDHEC would not approve of the plan without a consent order from the owners. The owners did not sign a consent order and no further work was done on the site. The Solid Waste Permitting section has placed the site in an inactive file and has referred the site to the Site Screening Section.

#### REFERENCES

1. USGS Topographic Maps, 7.5 minute series (including waterline maps).

Hand, SC	1947
Wampee, SC	1947
Little River, SC	1984
Longs, SC, NC	1947

- 2. SCDHEC, BSHWM, endangered species and well location printout detailing surface water uses, endangered species, and groundwater uses near the Old Cherry Grove Landfill site. Dated December 17, 1993. Copy Attached.
- 3. Marion Feagin, SCDHEC, memorandum to Greg George, SCDHEC. The Old Cherry Grove Landfill site Hydrogeologic Review. Dated December 28, 1993. Copy available at SCDHEC, BSHWM.
- 4. Engineering Tectonics, P.A., Report of Investigations, CRE Landfill Site. Dated June, 1990. Copy available at SCDHEC, Columbia, South Carolina.
- 5. South Carolina Water Resources Commission, South Carolina Rivers Assessment. Dated September 1988.
- 6. United States Bureau of the Census. Housing Units by Occupancy Status, Total Population and Persons Per Household, 1990.
- 7. South Carolina Rainfall Data, S.C. Weather and Crop Summaries. Dated March, 1989.
- 8. U.S. EPA, Hazardous Ranking System; Final Rule, 40 CFR Part 300. Dated December 14, 1990.
- 9. SCDHEC, BSHWM. Printout of RCRA Listed Facilities. Dated June 14, 1990. Available in Site Screening Section, BSHWM.
- 10. National Flood Insurance Program Flood Map for Horry County panel of . Dated September 1, 1983.
- 11. S.C. State Water Assessment. S.C. Water Resources Commission. Dated September, 1983.
- 12. CERCLA Site Discovery Form. Dated July 18, 1991. Copy attached.

- 13. Patrick Horton, SCDHEC, population estimates around the Old Cherry Grove Landfill site. Copy attached.
- 14. SCDHEC, Bureau of Drinking Water Protection, inventory of public water supply systems, Horry County. Dated November 30, 1992.
- 15. SCDHEC, Bureau of Solid and Hazardous Waste Management. Map of projected cubic feet per second of flow per square mile of drainage area. Based on 1991 USGS water monitoring data.
- 16. Richard Bonds, SCDHEC, memorandum on CRE Landfill meeting. Dated June 19, 1991. Copy attached.
- 17. Barry Nelson, SCDHEC, letter to April Grunsky. Dated October 29, 1990. Copy attached.
- 18. Greg George, SCDHEC, record of communication to Old Cherry Grove Landfill file. Dated December 21, 1993. Copy attached
- 19. Renee Shealy, SCDHEC, notes taken at November 13, 1990 meeting. Copy attached.
- 20. Engineering Tectonics, P.A., Closure and Post Closure Plan, CRE Landfill Site. Dated October 4, 1990. Copy available at SCDHEC, Columbia, South Carolina.

# OVERSIZED DOCUMENT

MAP

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# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL BUREAU OF SOLID & HAZARDOUS WASTE

S. TE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

COMMON NAME SCIENTIFIC NAME	STATUS	LONGITUDE LATITUDE	DISTANCE FROM SITE	GRANK SRANK		TOPO MAP / COUNTY WHERE THE SPECIES IS LOCATED	
HARPER'S FIMBRISTYLIS FIMBRISTYLIS PERPUSILLA	NC/CU	78-43-19 33-53-49	2.88 Miles NNW	G2 S2	06/22/85	LONGS Horry	1
PINK TICKSEED COREOPSIS ROSEA	RC	78-42-42 33-54-33	3.25 Miles NNW	G3 S2	10/18/80	LONGS Horry	(
HARPER'S FIMBRISTYLIS FIMBRISTYLIS PERPUSILLA	NC/CU	78 <b>-44-</b> 34 33 <b>-</b> 53-02	3.40 Miles WNW	G2 S2	06/22/85	LONGS Horry	
DWARF BULRUSH HEMICARPHA MICRANTHA	SL	78-44-34 33-53-02	3.40 Miles WNW	G4 S2	06/22/85	LONGS Horry	
PLYMOUTH GENTIAN SABATIA KENNEDYANA	RC	78 <b>-43-</b> 11 33 <b>-54-</b> 20	3.26 Miles NNW	G3 S1	06/22/85	LONGS Horry	
PLYMOUTH GENTIAN SABATIA KENNEDYANA	RC	78 <b>-4</b> 3-19 33 <b>-</b> 53-49	2.88 Miles NNW	G3 S1	06/22/85	LONGS Horry	
DWARF BULRUSH HEMICARPHA MICRANTHA	SL	78 <b>-45-</b> 27 33 <b>-</b> 52-40	4.11 Miles WNW	G4 S2	06/22/85	HAMMOND Horry	(
PLYMOUTH GENTIAN SABATIA KENNEDYANA	RC	78 <b>-4</b> 0-35 33 <b>-4</b> 9-15	3.23 Miles SSE	G3 S1	06/12/33	WAMPEE Horry	
SARVIS HOLLY [LEX AMELANCHIER	UN	78-43-11 33-54-20	3.26 Miles NNW	G3G4 S3	06/22/85	LONGS Horry	
BARVIS HOLLY [LEX AMELANCHIER	UN	78-42-37 33-54-27	3.11 Miles NNW	G3G4 S3	10/10/85	LONGS Horry	Res
BURHEAD CHINODORUS TENELLUS VAR PARVULUS	SL	78-40-13 33-55-32	4.18 Miles NNE	G3T2 S2	06/21/85	LONGS Horry	رو

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# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

COMMON NAME SCIENTIFIC NAME	STATUS	LONGITUDE LATITUDE	DISTANCE FROM SITE	GRANK SRANK	DATE ADDED	TOPO MAP / COUNTY WHERE THE SPECIES IS LOCATED	
HARPER'S FIMBRISTYLIS FIMBRISTYLIS PERPUSILLA	NC/CU	78-42-43 33-54-58	3.69 Miles NNW	G2 S2	06/22/85	LONGS Horry	1
HARPER'S FIMBRISTYLIS FIMBRISTYLIS PERPUSILLA	NC/CU	78-45-27 33-52-40	4.11 Miles WNW	G2 S2	06/22/85	HAMMOND Horry	(
PLYMOUTH GENTIAN SABATIA KENNEDYANA	RC	78-44-34 33-53-02	3.40 Miles WNW	G3 S1	06/22/85	LONGS Horry	
HARPER'S FIMBRISTYLIS FIMBRISTYLIS PERPUSILLA.	NC/CU	78-42-42 33-54-28	3.16 Miles NNW	G2 S2	06/22/85	LONGS Horry	
PLYMOUTH GENTIAN SABATIA KENNEDYANA	RC	78-41-53 33-54-48	3.28 Miles NNW	G3 S1	06/21/85	LONGS Horry	
SHORTLEAF SNEEZEWEED HELENIUM BREVIFOLIUM	RC	78-44-00 33-53-28	3.13 Miles WNW	G4 S1	06/22/85	LONGS Horry	
HARPER'S FIMBRISTYLIS FIMBRISTYLIS PERPUSILLA	NC/CU	78-43-11 33-54-20	3.26 Miles NNW	G2 S2	06/22/85	LONGS Horry	(
SARVIS HOLLY ILEX AMELANCHIER	UN	78-40-13 33-55-32	4.18 Miles NNE	G3G4 S3	05/07/85	LONGS Horry	
HARPER'S FIMBRISTYLIS FIMBRISTYLIS PERPUSILL?	NC/CU	78-41-53 33-54-48	3.28 Miles NNW	G2 S2	06/21/85	LONGS Horry	
PLYMOUTH GENTIAN SABATIA KENNEDYANA	RC	78-42-42 33-54-28	3.16 Miles NNW	G3 S1	10/10/85	LONGS Horry	
BURHEAD CHINODORUS TENELLUS VAR PARVULUS	sı	78-42-42 33-54-28	3.16 Miles NNW	G3T2 S2	06/21/85	LONGS Horry	

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# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

COMMON NAME SCIENTIFIC NAME	STATUS	LONGITUDE LATITUDE	DISTANCE FROM SITE	GRANK SRANK	DATE ADDED	TOPO MAP / COUNTY WHERE THE SPECIES IS LOCATED	
HARPER'S FIMBRISTYLIS FIMBRISTYLIS PERPUSILLA	NC/CU	78-42-51 33-54-46	3.53 Miles NNW	G2 S2	06/22/85	LONGS Horry	
PLYMOUTH GENTIAN SABATIA KENNEDYANA	RC	78-43-20 33-52-50	2.22 Miles WNW	G3 S1	06/22/85	LONGS Horry	(
HARPER'S FIMBRISTYLIS FIMBRISTYLIS PERPUSILLA	NC/CU	78-39-53 33-51-22	1.50 Miles ESE	G2 S2	10/04/83	WAMPEE Horry	
DWARF BULRUSH HEMICARPHA MICRANTHA	SL	78-43-20 33-52-50	2.22 Miles WNW	G4 S2	06/22/85	LONGS Horry	
DWARF BULRUSH HEMICARPHA MICRANTHA	SL	78-43-11 33-54-20	3.26 Miles NNW	G4 S2	06/22/85	LONGS Horry	
HARPER'S FIMBRISTYLIS FIMBRISTYLIS PERPUSILLA	NC/CU	78-43-20 33-52-50	2.22 Miles WNW	G2 S2	06/22/85	LONGS Horry	
PLYMOUTH GENTIAN SABATIA KENNEDYANA	RC	78-42-43 33-54-58	3.69 Miles NNW	G3 S1	06/22/85	LONGS Horry	(
PLYMOUTH GENTIAN SABATIA KENNEDYANA	RC	78-45-27 33-52-40	4.11 Miles WNW	G3 S1	06/22/85	HAMMOND Horry	
DWARF BULRUSH HEMICARPHA MICRANTHA	SL	78-42-42 33-54-28	3.16 Miles NNW	G4 S2	06/22/85	LONGS Horry	
DWARF BULRUSH HEMICARPHA MICRANTHA	SL	78-42-43 33-54-58	3.69 Miles NNW	G4 S2	06/22/85	LONGS Horry	
HARPER'S FIMBRISTYLIS FIMBRISTYLIS PERPUSILLA	NC/CU	78-44-34 33-53-02	0.00 Miles UNK	G2 S2	06/22/85	LONGS Horry	

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# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

COMMON NAME SCIENTIFIC NAME	STATUS	LONGITUDE LATITUDE	DISTANCE FROM SITE	GRANK SRANK	DATE ADDED	TOPO MAP / COUNTY WHERE THE SPECIES IS LOCATED	
DWARF BULRUSH	SL	78-44-34	0.00 Miles UNK	G4	06/22/85	LONGS	
HEMICARPHA MICRANTHA		33-53-02		S2		Horry	(
DWARF BULRUSH	SL	78-45-27	0.00 Miles UNK	G4	06/22/85	HAMMOND	. \
HEMICARPHA MICRANTHA		33-52-40		S2		Horry	
HARPER'S FIMBRISTYLIS	NC/CU	78-45-27	0.00 Miles UNK	G2	06/22/85	HAMMOND	
FIMBRISTYLIS PERPUSILLA		33-52-40		S2		Horry	
PLYMOUTH GENTIAN	RC	78-44-34	0.00 Miles UNK	G3	06/22/85	LONGS	
SABATIA KENNEDYANA		33-53-02		S1		Horry	
SHORTLEAF SNEEZEWEED	RC	78-44-00	0.00 Miles UNK	G4	06/22/85	LONGS	
HELENIUM BREVIFOLIUM		33-53-28		S1		Horry	
BURHEAD	SL	78-49-06	0.00 Miles UNK	G3T2	05/08/85	НАММОНО	
ECHINODORUS TENELLUS VAR PARVULUS		33-53-12		S2		Horry	
PLYMOUTH GENTIAN	RC	78-43-20	0.00 Miles UNK	G3	06/22/85	LONGS	(
SABATIA KENNEDYANA		33-52-50		s1		Horry	1
DWARF BULRUSH	SL	78- <b>43-</b> 20	0.00 Miles UNK	G4	06/22/85	LONGS	
HEMICARPHA MICRANTHA		33-52-50		<b>S2</b>		Horry	
HARPER'S FIMBRISTYLIS	NC/CU	78-43-20	0.00 Miles UNK	G2	06/22/85	LONGS	
FIMBRISTYLIS PERPUSILLA		33-52-50		S2		Horry	<b>7</b>
PLYMOUTH GENTIAN	RC	78-45-27	0.00 Miles UNK	G3	06/22/85	HAMMOND	3
SABATIA KENNEDYANA		33-52-40		S1		Horry	, ,
SARVIS HOLLY	UN	78-47-27	0.00 Miles UNK	G3G4	05/07/85	HAMMOND	لا
ILEX AMELANCHIER		33-52-55		s3	•	Horry	

Date: 12/16/93

# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE
THE SURFACEWATER SUPPLIES FOUND BETWEEN LATITUDE 33-52-00 TO 33-53-30 AND LONGITUDE 78-41-15 TO 78-52-30
THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

TREATMENT WORKS NAME OWNERS IDENTIFICATION	STREAM NAME	LONGITUDE LATITUDE	PUMP (GPM) SOURCE ID. TREATMENT (G	PD)	
NO SOURCES FOUND.		0 0	0.0 0.000		
SOURCE IDENTIFICATION:				·	(
AQ - Aquaculture ST - Sewage Treatment	<pre>IR - Irrigator GC - Golf Course</pre>	PT - Thermo-power PH - Hydro-power	CO - Commerical WS - Public Supply	MI - Mining IN - Industry	

Page No. 5 Date: 12/16/93

# S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE ENDANGERED SPECIES FOUND WITHIN 4 MILES AND BETWEEN LATITUDE 33-52-00 TO 33-53-30 AND LONGITUDE 78-41-15 TO 78-52-30 THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. HERITAGE TRUST FOUNDATION (01/92).

COMMON NAME SCIENTIFIC NAME

STATUS

LONGITUDE DISTANCE
LATITUDE FROM SITE

GRANK DATE SRANK ADDED TOPO MAP /
COUNTY WHERE THE
SPECIES IS LOCATED

### GRANK/SRANK - Nature Conservancy rating:

- G1 Critically imperiled globally because of extreme rarity or because of some factor(s) making it especially vulnerable to extinction.
- G2 Imperiled globally because of rarity or factor(s) making it vulnerable.
- G3 Either very rare throughout its range or found locally in a restricted range, or having factors making it vulnerable.
- G4 Apparently secure globally, though it may be rare in parts of its range.
- G5 Demonstrably secure globally, though it may be rare in parts of its range.
- S1 Critically imperiled state-wide because of extreme rarity or because of some factor(s) making it especially vulnerable to extirpation.
- S2 Imperiled state-wide because of rarity or factor(s) making it volnerable.
- S3 Rare or uncommon in state.
- S4 Apparently secure in state.
- S5 Demonstrably secure in state.

### STATUS - Legal status:

FE - Federal Endangered

FT - Federal Threatened

NC - Of Concern, National (plants)

RC - Of Concern, Regional (plants)

SE - State Endangered (animals)

ST - State Threatened (animals)

SC - Of Concern, State (animals)

SL - Of Concern, State (plants)

SX - State Extirpated

CU - Candidate (Federal review)

UN - Undetermined

(

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILE

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:			COUNTY:			AQUIFER:			scwrc:	DARz01	
CONTACT:		PHONE:	LONGITUDE:	78-32-95		COMP.	DEPTH:	0	USE:		
ADDRESS:			LATITUDE:	33-47-95		DRILL	DEPTH:	0	YIELD:	0	
	,		DISTANCE:	0.00 MILES	UNK		ELEV:	0.00			
REMARKS:						ATION:		0.00			
COMPANY:	City of Harts"ille?		COUNTY:			AQUIFER:			SCWRC:	DARz02	(
CONTACT:		PHONE:	LONGITUDE:	78-32-95		COMP.	DEPTH:	0	USE:		
ADDRESS:			LATITUDE:	33-47-95		DRILL	DEPTH:	0	YIELD:	0	
	,		DISTANCE:	0.00 FILES	UNK		ELEV:	0.00			
REMARKS:	SCWRC Well tat; T=6	4DC:Layne-Atlantic;	410.2 Flow 1	/4/55;	LOCA	TION:				,	
COMPANY:	Dovesville Side Cam	P ·	COUNTY:			AQUIFER:			SCWRC:	DAR203	
CONTACT:		PHONE:	LONGITUDE:	78-32-95		COMP.	DEPTH:	0	USE:		
ADDRESS:	•		LATITUDE:	33-47-95		DRILL	DEPTH:	0	YIELD:	0	
	,		DISTANCE:	0.00 MILES	UNK		ELEV:	0.00			
REMARKS:	SCWRC Well tax;				LOCA	TION: Darl	ington				
COMPANY:	Mr. Murray Kirven	,	COUNTY:			AQUIFER:			SCWRC:	DARz04	
CONTACT:		PHONE:	LONGITUDE:	78-32-95		COMP.	DEPTH:	0	USE:		
ADDRESS:			LATITUDE:	33-47-95		DRILL	DEPTH:	0	YIELD:	0	
	,		DISTANCE:	0.00 MILES	UNK		ELEV:	0.00			
REMARKS:	SCWRC Well tab;	DC:Boyd Johnson;			LOCA	TION: Hart	sville				1
											1
COMPANY:	Mr. J.A. Rogers	•	COUNTY:			AQUIFER:			SCWRC:	DAR205	
CONTACT:		PHONE:	LONGITUDE:	78-32-95		COMP.	DEPTH:	0	USE:		
ADDRESS:			LATITUDE:	33-47-95		DRILL	DEPTH:	0	YIELD:	0	
	,		DISTANCE:	0.00 MILES	UNK		ELEV:	0.00			
WEMARKS:	SCWRC Well tat;	Flows 1955; T=63.5;			LOCA	TION: Hart	sville,	Rt. 4			

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LEMARKS: SCWRC Well tal;

### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: Mr. D.J. Jones/2mi COUNTY: AOUIFER: SCWRC: DAR--206 CONTACT: PHONE: LONGITUDE: 78-32-95 COMP. DEPTH: USE: ADDRESS: LATITUDE: 33-47-95 DRILL DEPTH: Ω YIELD: DISTANCE: 0.00 MILES UNK ELEV: 0.00 REMARKS: SCWRC Well tab: LOCATION: NE SC15 Airport Serv COMPANY: COUNTY: SCWRC: DAR--z07 AOUIFER: LONGITUDE: 78-32-95 CONTACT: PHONE: COMP. DEPTH: USE: ADDRESS: LATITUDE: 33-47-95 DRILL DEPTH: YIELD: O DISTANCE: 0.00 MILES UNK ELEV: 0.00 REMARKS: LOCATION: COMPANY: Gus Randolph COUNTY: AOUIFER: SCWRC: DAR--208 CONTACT: PHONE: LONGITUDE: 78-32-95 COMP. DEPTH: 0 USE: ADDRESS: LATITUDE: 33-47-95 DRILL DEPTH: YIELD: O DISTANCE: 0.00 MILES UNK ELEV: 0.00 REMARKS: SCWRC Well tab; DC: Chance Pipkins; LOCATION: Rt. 1, Lamar COMPANY: Mr. J.F. Howell COUNTY: AOUIFER: SCWRC: DAR--z09 CONTACT: PHONE: LONGITUDE: 78-32-95 COMP. DEPTH: USE: ADDRESS: LATITUDE: 33-47-95 DRILL DEPTH: YIELD: Ω DISTANCE: 0.00 MILES UNK ELEV: 0.00 REMARKS: SCWRC Well Tat: DC:Spires; T=66 LOCATION: Rt. 1, Lamar COMPANY: State Ed. Firishing COUNTY: AOUIFER: SCWRC: DAR--z10 CONTACT: PHONE: LONGITUDE: 78-32-95 COMP. DEPTH: 0 USE: IDDRESS: LATITUDE: 33-47-95 DRILL DEPTH: YIELD: 0 DISTANCE: 0.00 MILES UNK 0.00 ELEV:

LOCATION: Shop, 4 mi SW, LamarH

OTE: LATITUDES OR LONGITUDES ENDING IN 95 ARE ONLY ACCURATE TO WITHIN 5 MINUTES.

LATITUDES OR LONGITUDES ENDING IN 91 ARE ONLY ACCURATE TO WITHIN 1 MINUTE.

DC:Getzen; PT:57;

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: CONTACT: ADDRESS: REMARKS:	,	PHONE:	LATITUDE:	78-32-95 33-47-95 0.00 MILES	D	OMP. DEPTH: RILL DEPTH: ELEV:	0	SCWRC: USE: YIELD:	DARz11 0	
COMPANY:	Valcraft Division		COUNTY:		AQUIF	ER:		SCWRC:	DARZ1	(
CONTACT:		PHONE:	LONGITUDE:	78-32-95	c	OMP. DEPTH:	0	USE:		`,
ADDRESS:				33-47-95	D	RILL DEPTH:	0	YIELD:	0	
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00			
REMARKS:	SCWRC Well tab;	DC:Pittman Wood;	PWL:142;		LOCATION:	Nuclear Cor	p. DAR.			
COMPANY:	Int. Min. Plant		COUNTY:		AQUIF	ER:		SCWRC:	DARz13	
CONTACT:		PHONE:		78-32-95	_	OMP. DEPTH:	0	USE:		
ADDRESS:	•			33-47-95		RILL DEPTH:	-	YIELD:	0	
	,			0.00 MILES		ELEV:			_	
REMARKS:	· ·				LOCATION:					
COMPANY:	Int. Min Plant		COUNTY:		AQUIF:	CR:		SCWRC:	DARz14	
CONTACT:		PHONE:		78-32-95	_	OMP. DEPTH:	0	USE:		
ADDRESS:		•	LATITUDE:			RILL DEPTH:		YIELD:	0	
	,		DISTANCE:	0.00 MILES		ELEV:	_		_	
REMARKS:	·				LOCATION:					(
COMPANY:	Skeets Barbeque		COUNTY:		AQUIF:	₹ <b>₽</b> •		SCMBC.	DARz15	,
CONTACT:	onendan	PHONE:		78-32-95	_	OMP. DEPTH:	0	USE:	DARE13	
ADDRESS:			LATITUDE:			RILL DEPTH:	_	YIELD:	0	
	,			0.00 MILES		ELEV:			•	
LEMARKS:					LOCATION:		3.00			

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Date: 12/16/93

### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

### SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: CONTACT:	Redwood St. Art.	PHONE .	COUNTY:	#0 30 OF	AQUIFER:	D D D D D T T	•		DARz16
		PHONE:		78-32-95		DEPTH:	0	USE:	_
ADDRESS:					DRILI		0	YIELD:	0
			DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION:				
COMPANY:	Redwood St. Apt.		COUNTY:		AQUIFER:			scwrc:	DARz17
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILI	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:					LOCATION:				
COMPANY:	Hartsville Golf Club		COUNTY:		AQUIFER:			SCWRC:	DARz18
CONTACT:		PHONE:	LONGITUDE:	78-32-95	<del>=</del>	DEPTH:	0		
ADDRESS:	•				DRILL		0	YIELD:	0
	,				UNK		0.00		•
REMARKS:				0.00	LOCATION:		0.00		
	Hartsville Golf Club				AQUIFER:			SCWRC:	DARz19
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION:				
COMPANY:	Howle Mobile Fome		COUNTY:		AQUIFER:			scwrc:	DAR220
CONTACT:		PHONE:	LONGITUDE:	78-32-95	<del>-</del>		0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL		0	YIELD:	0
	,			0.00 MILES	*	ELEV:	0.00	•	•
WEMARKS:					LOCATION: Park	_	2.2.2		

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

CONTACT: ADDRESS:	,	PHONE:	LONGITUDE:	78-32-95 33-47-95 0.00 MILES UN	DRILL DEPTH:	0 0 0.00	USE:	DARz21 0
COMPANY: CONTACT: ADDRESS: REMARKS:	,	PHONE:	LATITUDE:	78-32-95 33-47-95 0.00 MILES UN	DRILL DEPTH:	0 0 0.00	USE:	DARz22 0
CONTACT: ADDRESS:	•	PHONE:	LONGITUDE:	78-32-95 33-47-95 0.00 MILES UN	COMP. DEPTH: DRILL DEPTH:	0 0 0.00	USE:	DARz23 O
CONTACT:	,	PHONE:	LONGITUDE:		COMP. DEPTH:	0 0 0.00	SCWRC: USE: YIELD:	DAR224 0
COMPANY: CONTACT: DDRESS: EMARKS:	•	PHONE:	LONGITUDE:	78-32-95 33-47-95 0.00 MILES UN	COMP. DEPTH: DRILL DEPTH:	0 0 0.00	SCWRC: USE: YIELD:	DAR225 0

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Atkinson's Trailer		COUNTY:		AQUIFER:			SCWRC:	DAR226
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Park				
COMPANY:	Atkinson's Trailer		COUNTY:		AQUIFER:			SCWRC:	DARz27
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Park				
COMPANY:	Atkinson's Trailer		COUNTY:		AQUIFER:			SCWRC:	DAR228
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:	·		LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Park				
COMPANY:	Pineridge Trailer		COUNTY:		AQUIFER:			SCWRC:	DAR229
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Park				
XXMPANY:	Pineridge Tra'ler		COUNTY:		AQUIFER:			SCWRC:	DARz30
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
DDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
EMARKS:	DHEC;				LOCATION: Park				

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: CONTACT:	Whispering Pine	PHONE	E: LO		78-32 <b>-</b> 95	AQUIFER: COMP	. DEPTH:	0	SCWRC: USE:	DARz31
ADDRESS:			· 1	LATITUDE:	33-47-95	DRIL	L DEPTH:	0	YIELD:	0
	,		I	ISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;					LOCATION: Har	tsville			
COMPANY:	Lake Robinson			COUNTY:		AQUIFER:			SCWRC:	DAR232
CONTACT:		PHONE	₹: T. <i>C</i>		78-32-95	-	. DEPTH:	0	USE:	DIM DJL
ADDRESS:					33-47-95		L DEPTH:	0	YIELD:	O
					0.00 MILES		ELEV:	0.00	TIEDU.	U
REMARKS:	PHEC:		•	, i d i mich .	O.OO HIDES	LOCATION: McB		0.00		
						Dodition nob				
COMPANY:	Gainey Mobile Home			COUNTY:		AQUIFER:			SCWRC:	DARz33
CONTACT:		PHONE	E: LO	NGITUDE:	78-32-95	COMP	. DEPTH:	0	USE:	
ADDRESS:	•.		1	ATITUDE:	33-47-95	DRIL	L DEPTH:	0	YIELD:	0
	,		r	ISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;					LOCATION: Par	k, Darlin	gton		
COMPANY:	Gainey Mobile Home			COUNTY:		AQUIFER:			SCWRC:	DAR234
CONTACT:	•	PHONE	E: Lo		78-32-95	<del></del>	. DEPTH:	0	USE:	
ADDRESS:					33-47-95		L DEPTH:		YIELD:	0
	,		_		0.00 MILES		ELEV:	0.00		•
REMARKS:			_			LOCATION: Par				
,	•						,	.g.c		+
COMPANY:	Lakeside Mobile Home			COUNTY:		AQUIFER:			SCWRC:	DAR235
CONTACT:		PHONE	E: LO	NGITUDE:	78-32-95	COMP	. DEPTH:	0	USE:	
ADDRESS:			I	ATITUDE:	33-47-95	DRIL	L DEPTH:	0	YIELD:	0
	•			ISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
<b>WEMARKS:</b>	DHEC;					LOCATION: Par	k, Rt. 2,	Mcbee		

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN

4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

	Plantation Park		COUNTY:		AQUIFER:				DAR236
CONTACT:		PHONE:			COMP.		0	USE:	
ADDRESS:					DRILL	DEPTH:	0	YIELD:	0
	•		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Rt.	1, Lamar			
COMPANY:	Plantation Park		COUNTY:		AQUIFER:			scwrc:	DARz37
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH: (	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH: (	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV: (	0.00		
REMARKS:	DHEC:				LOCATION: Rt.	1, Lamar			
COMPANY:	Russell Rd. Mobile		COUNTY:		AQUIFER:			SCWRC:	DARz38
CONTACT:	:	PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH: (	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH: (	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV: (	0.00		
REMARKS:	DHEC;				LOCATION: Home	Pk., Harts	ville		
COMPANY:	Russell Rd. Mobile		COUNTY:		AQUIFER:			SCWRC:	DARz39
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH: (	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH: (	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV: (	0.00		
REMARKS:	DHEC;				LOCATION: Home	Pk., Harts	ville		
COMPANY:	Midway Mobile Home		COUNTY:		AQUIFER:			SCWRC:	DARz40
CONTACT:	-	PHONE:		78-32-95	<del></del>	DEPTH: 0	ם	USE:	
ADDRESS:				33-47-95		DEPTH: 0	- 0	YIELD:	0
	,			0.00 MILES			0.00	<b>•</b>	J
REMARKS:					LOCATION: Park		Bee		

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Midway Mobile Home		COUNTY:		AQUIFER:			SCWRC:	DAR241
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:					LOCATION: Park	, Rt. 2, Mo	:Bee		
COMPANY:	Airport Trailer Park		COUNTY:		AQUIFER:			SCWRC:	DARz42
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-45	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Hart	sville			
COMPANY:	Shady Pines Trailer		COUNTY:		AQUIFER:			scwrc:	DARz43
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Park	, Hartsvill	le		
COMPANY:	Northcutt's Mobile		COUNTY:		AQUIFER:			SCWRC:	DARz44
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Home	Pk., Harts	ville		
COMPANÝ:	Stanley Mobile Home		COUNTY:		AQUIFER:			SCWRC:	DARz45
CONTACT:	-	PHONE:	LONGITUDE:	78-32 <b>-</b> 95	-		0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		-
REMARKS:					LOCATION: Park	, Darlingto	n		

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Kissiah Trailer Park		COUNTY:		AQUIFER:			SCWRC:	DAR246
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:					LOCATION: Rt.	5, Hartsvil	lle		
-									
COMPANY:	Kissiah Trailer Park		COUNTY:		AQUIFER:			SCWRC:	DAR247
CONTACT:		PHONE:			COMP.		0	USE:	
ADDRESS:			LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
à.	•		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Rt.	5, Hartsvil	lle		
COMPANY:	I-20 Exxon Station		COUNTY:		AQUIFER:			scwrc:	DARz48
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP.	DEPTH:	0	USE:	
ADDRESS:	·		LATITUDE:	33-47-95	DRILL	DEPTH:	0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DHEC;				LOCATION: Lama	r			
	Emmanuel Baptist				AQUIFER:				DARz49
CONTACT:		PHONE:			COMP.		0		
ADDRESS:					DRILL		0	YIELD:	0
	•		DISTANCE:	0.00 MILES	UNK		0.00		
REMARKS:	DHEC;				LOCATION: Rt.	1, Hartsvil	lle		
COMPANY:	Emmanuel Baptist		COUNTY		AQUIFER:			scanc.	DARz50
CONTACT:		PHONE:		78-32-95			0	USE:	
ADDRESS:		a seweral t			DRILL		0	YIELD:	
					UNK	ELEV:	0.00	TTEDU;	v
REMARKS:	, DHEC:		PIDIMICE:	O.OU MILES	LOCATION: Rt.				
WESTITE !					POCKLION: KC.	T, UGT CBATI	TE		

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

### SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

	Carmed. Lounge	B			AQUIFER:				DAR501
CONTACT:		PHONE:			COMP			USE:	
ADDRESS:					DRIL		0	YIELD:	0
			DISTANCE:	0.00 MILES	UNK		0.00		
REMARKS:	DHEC;				LOCATION: Dar	lington			
COMPANY:	Darlington Co. Water		COUNTY:		AQUIFER:			SCWRC:	DARz52
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP	. DEPTH:	0	USE:	
ADDRESS:					DRIL		0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:					LOCATION: & Se	ewer Auth	1. #4		
COMPANY:	Pee Dee Exp. Station				AQUIFER:			SCWRC:	DAR251
CONTACT:		PHONE:	LONGITUDE:	78-32-95	COMP	. DEPTH:	0	USE:	
	·				DRIL		0	YIELD:	0
	,		DISTANCE:	0.00 MILES	UNK	ELEV:	0.00		
REMARKS:	DC:Demco ltd.;	SC:1.5 gpf;			LOCATION:				
COMPANY:	U.S.G. Survey Paul Drews		COUNTY:		AQUIFER:			SCWRC:	02Qe06
CONTACT:	Paul Drews	PHONE:	LONGITUDE:	78-39-41	COMP	DEPTH:	0	USE:	-
ADDRESS:	507 28th Avenue Nort	h	LATITUDE:	33-49-52	DRILI	L DEPTH:	0	YIELD:	0
					SSE		0.00		
REMARKS:					LOCATION: SURI		BEACH CL		
COMPANY:	ResortMaster, Inc.		COUNTY:		AQUIFER:	Shallow		SCWRC:	02Qr03
CONTACT:	AL Wall	PHONE: 249-3997	LONGITUDE:	78-37-48	COMP	DEPTH:	75	USE:	GC
DDRESS:	P.O. Box 300		LATITUDE:	33~52-03	DRILI	DEPTH:	75	YIELD:	83
	N. Myrtle Beach, SC	29597	DISTANCE:	3.32 MILES	ENE		0.00		<del></del>
	Eastport Country Clu								
	-					<b>-</b>			

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#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

### SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	U.S.G. Survey	PHONE:	COUNTY:		AQUIFE	R:		SCWRC:	02Ra06
CONTACT:	Paul Drews	PHONE:	LONGITUDE:	78-39-41	co	MP. DEPTH:	0	USE:	
ADDRESS:	507 28th Avenue Nort	h	LATITUDE:	33-49-52	DR	ILL DEPTH:	0	YIELD:	0
	Myrtle Beach,		DISTANCE:	2.88 MILES	SSE	ELEV:	0.00		
REMARKS:	DC:R. MCCRACKEN;	PHONE: h			LOCATION:				
COMPANY:	C.W. Vereen		COUNTY:		AQUIFE	R:		SCWRC:	02Qe01
CONTACT:		PHONE:	LONGITUDE:	78-39-26	co	MP. DEPTH:	348	USE:	
ADDRESS:	Route Box 228		LATITUDE:	33-54-23	DR	ILL DEPTH:	348		
	N. Myrtle Beach, SC		DISTANCE:	3.25 MILES	NNE	ELEV:	40.00		
REMARKS:		effect. Date completed							
COMPANY:	Walter P. Hawks	PHONE:	COUNTY:		AQUIFE	R:		SCWRC:	02Q106
CONTACT:		PHONE:	LONGITUDE:	78-36-58	CO	MP. DEPTH:	60	USE:	DO
ADDRESS:	Brooksville Poad		LATITUDE:	33-52-43	DR	ILL DEPTH:	60		
REMARKS:	Hawks says there is	plenty of water @ 60;	iron stain	s.	LOCATION: B	rooksville	Road		
COMPANY:	Town of Little River		COUNTY:		AQUIFE	R:		SCWRC:	02Qm03
CONTACT:		PHONE:	LONGITUDE:	78-37-02	CO	MP. DEPTH:	692	USE:	WS
ADDRESS:	c/o Little Town Hall		LATITUDE:	33-52-33	DR	ILL DEPTH:	692	YIELD:	180
REMARKS:	Well now abandoned,	sand problems & highC	1-1. Fed. 0	bs. well	LOCATION: T	own of Litt	tle River		
COMPANY:	S & F of MB Inc.		COUNTY:		AQUIFE	R: Shallow		SCWRC:	02Qm04
CONTACT:	Kurt Driesbaugh	PHONE: 803-249-1025							
	P.O. Box 680			33-52-28		ILL DEPTH:		YIELD:	600

DISTANCE: 3.83 MILES ENE

REMARKS: No data on construction of ponds; dba Cypress Bay GC.

LOCATION: Cypress Bay GC bet. 7 & 8th H.

ELEV:

0.00

OTE: LATITUDES OR LONGITUDES ENDING IN 95 ARE ONLY ACCURATE TO WITHIN 5 MINUTES.

LATITUDES OR LONGITUDES ENDING IN 91 ARE ONLY ACCURATE TO WITHIN 1 MINUTE.

Little River, SC 29566

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Eastport Golf Club	•	COUNTY:		AQUIFER: Peedee	SCWRC: 02Qm05
CONTACT:	Mark Rohdenburg	PHONE: 249-3997	LONGITUDE:	78-37-41	COMP. DEPTH: 73	USE: GC
						YIELD: 83
						.00
REMARKS:	N. Myrtle Beach, SC Well at 11th hole.				LOCATION: 5 miles East of 1	Little River
COMPANY:	Van Smith Concrete		COUNTY:		AQUIFER:	SCWRC: 02Qn04
CONTACT:		PHONE:	LONGITUDE:	78-38-22	COMP. DEPTH: 343	USE:
ADDRESS:						YIELD: -1
	Little River,, SC				ENE ELEV: 25	.00
REMARKS:					LOCATION: Little River	
COMPANY:	Blythe Construction		COUNTY:		AQUIFER:	SCWRC: 02Qn05
CONTACT:	Howard Hudsor	PHONE:	LONGITUDE:	78-38-16	COMP. DEPTH: 191	
ADDRESS:	17 Eagle Way		LATITUDE:	33-52-11		YIELD: -1
	N. Myrtle Beach, SC					.00
REMARKS:	_				LOCATION: 17 Eagle Way	
COMPANY:	Cherry Grove Golf Co		COUNTY:		AQUIFER: Pee Dee	SCWRC: 020n06
	Arthur Morgan					
1000000	D 0 0 246				DRILL DEPTH: 125	
	North Myrtle Re, SC	29582	DISTANCE:			.00
	Domestic well. golf				LOCATION: 200 yds E. of tee	5 (house)
COMPANY:	Caro-Strand Corp.		COUNTY:		AQUIFER: Black Creek	SCWRC: 020001
	Keith Floyd					<del></del>
	P.O. Box 240			33-52-04		YIELD: 120

REMARKS: This is their main supply well; date completed 1972. LOCATION: .3 miles E. of Hwy 9

DISTANCE: 1.60 MILES ENE

ELEV: 40.00

NOTE: LATITUDES OR LONGITUDES ENDING IN 95 ARE ONLY ACCURATE TO WITHIN 5 MINUTES.

LATITUDES OR LONGITUDES ENDING IN 91 ARE ONLY ACCURATE TO WITHIN 1 MINUTE.

North Myrtle Be, SC 29597

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#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

### SUTE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: Caro-Strand Corp.	COUNTY:	AQUIFER: Black Creek	SCWRC: 02Q002
CONTACT: Keith Floyd PHONE: 249-2026	LONGITUDE: 78-39-37	COMP. DEPTH: 175	USE: GC
ADDRESS: P.O. Box 240	LATITUDE: 33-52-28	DRILL DEPTH: 188	YIELD: 419
North Myrtle Be, SC 29597	DISTANCE: 1.66 MILES	ENE ELEV: 40.00	
REMARKS: Well only pumps 5-10gpm; date completed	1 1981.	LOCATION: Hwy. 9 entrance to E	Bay Tree GP
CONDANY, Caro Strend Colf Con	COLLEGE	NOUTER Black Grank	ggrma, 000 -03
COMPANY: Caro-Strand Golf Cor	COUNTY:	AQUIFER: Black Creek	SCWRC: 020003
CONTACT: Keith Floyd PHONE: 249-1487	LONGITUDE: 78-39-38	COMP. DEPTH: 341	USE: WS
ADDRESS: Highway 9 N. N. Myrtle Beach, SC 29597	LATITUDE: 33-52-20	DRILL DEPTH: 341	YIELD: 15
REMARKS: Well only supplies club house and Pro-s	shop.	LOCATION: Bay Tree Golf Planta	tion
COMPANY: Bay Tree Golf Plant.	COUNTY:	AQUIFER: Black Creek	SCWRC: 02Q004
COMPANY: Bay Tree Golf Plant. CONTACT: PHONE: 249-1487 ADDRESS: Highway 9 N.	LONGITUDE: 78-39-38	COMP. DEPTH: 166	USE: AB
ADDRESS: Highway 9 N.	LATITUDE: 33-52-20	DRILL DEPTH: 166	YIELD: -1
N. Myrlte Beach, SC			
REMARKS: Field located well; Owners unaware of e	existence. 1972 ?	LOCATION: Bay Tree Golf Planta	tion
COMPANY: State of S.C.	COUNTY:	AQUIFER: Black Creek	SCWRC: 02Q005
CONTACT: PHONE:	LONGITUDE: 78-39-25	COMP. DEPTH: 354	USE: OB
ADDRESS: 221 Main Street	LATITUDE: 33-52-47	DRILL DEPTH: 768	YIELD: 50
COMPANY: State of S.C.  CONTACT: PHONE:  ADDRESS: 221 Main Street  Conway,, SC	DISTANCE: 1.98 MILES	ENE ELEV: 40.00	
REMARKS: Drilled well for obs purposes only; T's	s are abt 3500-4000.	LOCATION: Eagle Nest	
COMPANY, Little Diver UCS Co.	COUNTY.	ACHIERD Disch Con-1-	50tma. 020 - 26
COMPANY: Little River W&S Co.	COUNTI:	WÖNTER: BISCK CLEEK	SCWRC: 020006
CONTACT: George Adams PHONE: 249-4025	LONGITUDE: 78-39-25	COMP. DEPTH: 317	USE: WS
ADDRESS: P.O. Box 68	LATITUDE: 33-52-47	DRILL DEPTH: 317	YIELD: 210

DISTANCE: 1.98 MILES ENE

ELEV:

LOCATION: NE of Hwy 90 on Golf Avenue

25.00

NOTE: LATITUDES OR LONGITUDES ENDING IN 95 ARE ONLY ACCURATE TO WITHIN 5 MINUTES.

LATITUDES OR LONGITUDES ENDING IN 91 ARE ONLY ACCURATE TO WITHIN 1 MINUTE.

Little River, SC 29566

REMARKS: Chemical analysis shown is from upper screens.

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: Little River W&S Co. COUNTY: AQUIFER: Black Creek SCWRC: 02Q--007 CONTACT: George Adams PHONE: 249-1260 LONGITUDE: 78-39-13 COMP. DEPTH: 363 USE: WS ADDRESS: P.O. Box 68 LATITUDE: 33-52-32 DRILL DEPTH: 363 YIELD: 125 Little River, SC 29566 DISTANCE: 2.05 MILES ENE ELEV: 20.00 REMARKS: Did not run logs on this well. Well was put in on 40ft.frobs LOCATION: NE highway 90 on Golf Avenue COMPANY: Town of Little River COUNTY: AQUIFER: Shallow SCWRC: 02Q--008 CONTACT: PHONE: LONGITUDE: 78-39-13 COMP. DEPTH: 129 USE: OB ADDRESS: 221 Main Street LATITUDE: 33-52-32 DRILL DEPTH: 130 YIELD: -1 Conway,, SC 29526 DISTANCE: 2.05 MILES ENE ELEV: 20.00 REMARKS: Drilled for observation purposes only. At Eagle Nest. LOCATION: Town of Little River COMPANY: Cherry Grove Golf Co COUNTY: AQUIFER: Pee Dee SCWRC: 020--009 CONTACT: Arthur Morgan PHONE: 399-4343 LONGITUDE: 78-39-03 COMP. DEPTH: 115 USE: GC ADDRESS: P.O. Box 746 DRILL DEPTH: 115 LATITUDE: 33-52-38 YIELD: 255 North Myrtle Re, SC 29582 DISTANCE: 2.24 MILES ENE ELEV: 25.00 REMARKS: Date completed was 1973. LOCATION: Near maintenance shed COMPANY: Cherry Grove Golf Co COUNTY: AQUIFER: Tertiary SCWRC: 020--010 CONTACT: Arthur Morgan PHONE: 249-1449 LONGITUDE: 78-38-58 COMP. DEPTH: 96 USE: GC ADDRESS: P.O. Box 3165 LATITUDE: 33-52-28 DRILL DEPTH: 96 YIELD: -1 N. Myrtle Beach, SC 29582 DISTANCE: 2.26 HILES ENE ELEV: 40.00 REMARKS: Have very little reliable data on this well. LOCATION: Eagle Nest Golf Course

COMPANY: Caro-Strand Corp. COUNTY: AQUIFER: Shallow SCWRC: 02Q--011

CONTACT: Keith Floyd PHONE: 249-2026 LONGITUDE: 78-39-46 COMP. DEPTH: 12 USE: GC ADDRESS: P.O. Box 240 LATITUDE: 33-52-29 DRILL DEPTH: 0 YIELD: 6

North Myrtle Re, SC 29597 DISTANCE: 1.68 HILES ENE ELEV: 35.00

REMARKS: Bay Tree Golf Plantation. LOCATION: 4 mls N. Hwy 9 & mainten. shop

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#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

### SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

### THE GROUNDWATER SUPPLIES FOUND WITHIN

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

CONTACT:	Caro-Strand Corp.  Keith Floyd PHONE: 249-2026 P.O. Box 240 N. Myrtle Beach, SC 29597	LONGITUDE: 78-39-38	DRILL DEPTH: 225	USE: GC
CONTACT:	Cherry Grove Golf Co Arthur Morgan PHONE: 399-4343 P.O. Box 746	1.ATTTUDE: 33-52-37	COMP. DEPTH: 15	USE: GC
REMARKS:	North Myrtle Be, SC 29582 Eagle Nest Golf Course.	DISTANCE: 2.23 MILES	ENE ELEV: 0.00 LOCATION: Behind maintenance s	
CONTACT: ADDRESS:	Little River W&S Co.  George Adams PHONE: 249-4025 P.O. Box 68 Little River, SC 29566 Well purchased from Bay T. Golf P. By	LONGITUDE: 78-39-38 LATITUDE: 33-51-56 DISTANCE: 1.56 MILES	DRILL DEPTH: 500 ESE ELEV: 40.00	USE: WS YIELD: 250
CONTACT: ADDRESS:	Dr. N.F. Nixon, Jr.  PHONE: 249-2620  Highway 9  Little River, SC  Very little infor. about well; person	LONGITUDE: 78-39-27 LATITUDE: 33-51-23 DISTANCE: 1.87 HILES	DRILL DEPTH: 600 ESE ELEV: 25.00	SCWRC: 02Qp05 USE: OB YIELD: -1
CONTACT:	Robert Frost PHONE: Little River,, SC		DRILL DEPTH: 66	SCWRC: 02Qp06 USE: IG YIELD: -1

NOTE: LATITUDES OR LONGITUDES ENDING IN 95 ARE ONLY ACCURATE TO WITHIN 5 MINUTES. LATITUDES OR LONGITUDES ENDING IN 91 ARE ONLY ACCURATE TO WITHIN 1 MINUTE.

REMARKS: Ph = 9.3 Cl = 15 ms/l sp. Conductance 290. SWL 20. LOCATION: Little River

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: Waterford Invest. Co COUNTY: AOUIFER: SCWRC: 02Q--p07 CONTACT: LONGITUDE: 78-39-08 PHONE: 249-5488 COMP. DEPTH: 124 USE: IR ADDRESS: P.O. Box 768 LATITUDE: 33-51-54 DRILL DEPTH: 124 YIELD: N. Myrtle Beach, SC 29597 DISTANCE: 2.04 MILES ESE FI.EV: REMARKS: LOCATION: Little River Inn COMPANY: Cedar Creek Coquina COUNTY: SCWRC: 02Q--q01 AOUIFER: CONTACT: PHONE: LONGITUDE: 78-38-24 COMP. DEPTH: 40 USE: ADDRESS: LATITUDE: 33-51-50 DRILL DEPTH: 40 YIELD: -1 Little River, SC DISTANCE: 2.74 MILES ESE ELEV: 20.00 REMARKS: Water quality was indicative of shallow ground wt. fr. area. LOCATION: Cedar Creek Coquina Mine COMPANY: Mrs. Sue Holmes COUNTY: AQUIFER: Tertiary SCWRC: 02Q--r01 CONTACT: PHONE: LONGITUDE: 78-37-58 COMP. DEPTH: 60 USE: DO ADDRESS: c/o Little River Post Of. LATITUDE: 33-51-59 DRILL DEPTH: 60 YIELD: -1 Little River, SC DISTANCE: 3.15 MILES ESE ELEV: 20.00 REMARKS: Iron stains are bad Owner says water is hard. Iron Bacteria. LOCATION: Little River Post Office COMPANY: Riverside Mar ne Cam COUNTY: AQUIFER: Tertiary SCWRC: 020--r02 CONTACT: PHONE: 249-1742 LONGITUDE: 78-37-10 COMP. DEPTH: 60 USE: WS ADDRESS: Little River Neck Road LATITUDE: 33-51-45 DRILL DEPTH: 60 YIELD: -1 Cherry Grove B., SC DISTANCE: 3.93 MILES ESE ELEV: 20.00 REMARKS: Shallow Well. LOCATION: Cherry Grove Beach COMPANY: Eastport Golf Club COUNTY: AQUIFER: Peedee SCWRC: 02Q--m06 CONTACT: Mark Rohdenburg PHONE: 249-3997 LONGITUDE: 78-37-48 COMP. DEPTH: 75 USE: GC ADDRESS: P.O. Box 300 LATITUDE: 33-52-03 DRILL DEPTH: 75 YIELD:

DISTANCE: 3.32 MILES ENE

ELEV:

LOCATION: 200' SE of 10th hole

0.00

OTE: LATITUDES OR LONGITUDES ENDING IN 95 ARE ONLY ACCURATE TO WITHIN 5 MINUTES.

LATITUDES OR LONGITUDES ENDING IN 91 ARE ONLY ACCURATE TO WITHIN 1 MINUTE.

N. Myrtle Beach, SC 29597

REMARKS: Eastport Country Club; 5 miles SW of Little River.

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REMARKS: Golf Course Irrigation.

### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

#### SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Eastport Golf Club	COUNTY:		AQUIFER: Shallow	SCWRC: 02	2 <b>Q</b> r05
CONTACT:	Mark Rohdenburg PHONE: 249-3997	LONGITUDE:	78-37-33	COMP. DEPTH:		
ADDRESS:	P.O. Box 300 N. Myrtle Beach, SC 29597	LATITUDE:	33-51-53	DRILL DEPTH:	80 YIELD:	25
	N. Myrtle Beach, SC 29597	DISTANCE:	3.56 MILES	ESE ELEV:	0.00	
REMARKS:				LOCATION: 50' NW of 13t	h tee	
COMPANY:	U.S.G. Survey	COUNTY:		AQUIFER:	SCWRC: 02	2Rd01
CONTACT:	U.S.G. Survey Paul Drews PHONE:	LONGITUDE:	78-38-34	COMP. DEPTH:	100 USE: OB	3
ADDRESS:	507 28th Avenue North	LATITUDE:	33-49-39	DRILL DEPTH:	100 YIELD:	
	Myrtle Beach,, SC 29577	DISTANCE:	3.73 MILES	SSE ELEV:	20.00	
REMARKS:	Near 59th Avenue North and Nixon Street	•		LOCATION: Cherry Grove	Water Tank Site	
COMPANY:	Hen Curley					
CONTACT:	PHONE:	LONGITUDE:	78-38-54	COMP. DEPTH:	38 USE: DO	)
ADDRESS:		LATITUDE:	33-50-31	DRILL DEPTH:	38 YIELD:	-1
	N. Myrtle Beach, SC	DISTANCE:	2.83 MILES	ESE ELEV:	20.00	
REMARKS:	Cherry Grove; date completed 1967; very	little iron.		LOCATION: Sea Mountain	Highway	
COMPANY:	City of N. Myıtle B.	COUNTY:		AQUIFER: Black Cre	ek SCWRC: 02	2 <b>Q</b> x03
CONTACT:	Ralph Norris PHONE: 249-0222	LONGITUDE:	78-38-43	COMP. DEPTH:	400 USE: WS	3
ADDRESS:	1015 2nd Avenue S.	LATITUDE:	33-50-22	DRILL DEPTH:	454 YIELD: 4	50
	North Myrtle Pe, SC 29582	DISTANCE:	3.07 MILES	ESE ELEV:	17.00	
REMARKS:	Well name is also Donnaburger.			LOCATION: 3,600' E. hwy	17 & Sea Mt. hwy	<i>!</i>
COMPANY:	Robbers Roost Golf C	COUNTY:		AQUIFER: Pee Dee	SCWRC: 02	Qy01
CONTACT:	William Burris PHONE: 249-2085	LONGITUDE:	78-39-23	COMP. DEPTH:	200 USE: GC	;
	P.O. Box 68	LATITUDE:	33-50-30	DRILL DEPTH:	200 YIELD: 4	100
	North Myrtle Pe, SC 29582	DISTANCE:	2.49 MILES	ESE ELEV:	20.00	

LOCATION: 500 SE hwy 17 & Robbers RGC

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#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: Ocean Drive Ice Co. COUNTY: AOUIFER: Black Creek SCWRC: 02Q--y02 CONTACT: PHONE: 249-1532 LONGITUDE: 78-39-57 COMP. DEPTH: 500 USE: IN ADDRESS: Highway 17 LATITUDE: 33-50-26 DRILL DEPTH: 500 YIELD: N. Myrtle Beach, SC DISTANCE: 2.19 MILES SSE ELEV: 20.00 REMARKS: LOCATION: Hwy. 17 Ocean Drive Beach COMPANY: Tony's Restaurant COUNTY: AQUIFER: SCWRC: 02Q--y03 CONTACT: Jack Springs PHONE: LONGITUDE: 78-39-42 COMP. DEPTH: 400 USE: IN ADDRESS: Highway 17 LATITUDE: 33-50-38 DRILL DEPTH: 400 YIELD:

N. Myrtle Beach, SC DISTANCE: 2.16 MILES SSE ELEV: 20.00

REMARKS: Restaurant serves 200 per day. Closed Nov. - Jan. Open 5pm10p LOCATION: Intersect. of 17 Bus & 17 Byp.

COMPANY: City of N. Myrtle B.

COUNTY:

AQUIFER: Black Creek SCWRC: 02Q--y04

CONTACT: Ralph Norris PHONE: 249-0222 LONGITUDE: 78-39-08 COMP. DEPTH: 607 USE: WS

ADDRESS: 1015 2nd Avenue South LATITUDE: 33-50-56 DRILL DEPTH: 607 YIELD: 500

North Myrtle Be, SC 29582 DISTANCE: 2.37 MILES ESE ELEV: 20.00

REMARKS: PWL 133' @ 508 gpm. LOCATION: 700' SE hwy 236 & Old CherryRd

COUNTY: U.S.G. Survey COUNTY: AQUIFER: Pee Dee SCWRC: 02Q--y05 CONTACT: Paul Drews PHONE: 626-3793 LONGITUDE: 78-39-08 COMP. DEPTH: 45 USE: OB ADDRESS: 507 28th Avenue North LATITUDE: 33-50-55 DRILL DEPTH: 45 YIELD: -1

Myrtle Beach, SC 29577 DISTANCE: 2.38 MILES ESE ELEV: 20.00

REMARKS: Sea Mountain #1 (Well name). LOCATION: Myrtle Beach

COMPANY: U.S.G. Survey COUNTY: AQUIFER: Pee Dee SCWRC: 020--y06

CONTACT: Paul Drews PHONE: 626-3793 LONGITUDE: 78-39-08 COMP. DEPTH: 120 USE: OB ADDRESS: 507 28th Averue North LATITUDE: 33-50-55 DRILL DEPTH: 120 YIELD: -1

Myrtle Beach,, SC 29577 DISTANCE: 2.38 MILES ESE ELEV: 20.00

REMARKS: Sea Mountain #2 (Well name). LOCATION: Myrtle Beach

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Myrtle Beach,,

REMARKS: DC:R. MCCRACKEN;

## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL BUREAU OF SOLID & HAZARDOUS WASTE

### SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	U.S.G. Survey		•	COUNTY:			AQUIFER:	Pee Dee		SCWRC:	02Qy07
CONTACT:	U.S.G. Survey Paul Drews	PHONE: 6	26-3793	LONGITUDE:	78-39-08		COMP.	DEPTH:	150	USE:	ОВ
ADDRESS:	507 28th Avenue Nort	h		LATITUDE:	33-50-55		DRILL	DEPTH:	151	YIELD:	
	Myrtle Beach, SC 29	577		DISTANCE:	2.38 MILES	ESE		ELEV:	20.00		
REMARKS:	Sea Mountain #3 (Wel	l name).				LOCAT	CION: Myrt	le Beach	ı		
COMPANY:	U.S.G. Survey			COUNTY:			AQUIFER:	Pee Dee		SCWRC:	020v08
CONTACT:	Paul Drews									USE:	=
	507 28th Avenue Nort				33-50-55					YIELD:	-1
	Myrtle Beach,, SC 29	577		DISTANCE:	2.38 HILES	ESE		ELEV:	20.00		
REMARKS:	Myrtle Beach,, SC 299 Sea Mountain #4 (well	l name).				LOCAT	'ION: Myrt	le Beach	ı		
	Surf Golf & Beach Cl			COUNTY:			AQUIFER:	Shallow		SCWRC:	020y09
CONTACT:	Dick Hutto	PHONE: 24	49-2024	LONGITUDE:	78-39-04		COMP.	DEPTH:	15	USE:	GC
ADDRESS:	P.O. Box 47			LATITUDE:	33-50-12		DRILL	DEPTH:	15	YIELD:	400
	North Myrtle Be, SC	29597		DISTANCE:	2.95 MILES			ELEV:	0.00		
REMARKS:	-					LOCAT	ION: Betw	n 13th a	ind 14th	greens	
COMPANY:	Surf Golf & Beach Cl			COUNTY:			AQUIFER:	Pee Dee		SCWRC:	020y10
CONTACT:	Dick Hutto	PHONE: 24	49-2024	LONGITUDE:	78-39-05		COMP.	DEPTH:	128	USE:	GC
ADDRESS:	P.O. Box 47			LATITUDE:	33-50-11						
	North Myrtle 3e, SC 2	29597		DISTANCE:	2.95 MILES				0.00		
REMARKS:	-					LOCAT	ION: Betw	n 13th a	ind 14th	Green	
COMPANY:	U.S.G. Survey			COU <sub>1</sub> Y:			AQUIFER:			SCWRC:	02Ra05
CONTACT:	U.S.G. Survey Paul Drews	PHONE:		LONGITUDE:	78-39-38		COMP.	DEPTH:	0	USE:	
ADDRESS:	507 28th Avenue North	h		LATITUDE:	33-49-53		DRILL	DEPTH:		YIELD:	-1
İ											_

DISTANCE: 2.89 MILES SSE

ELEV:

LOCATION:

0.00

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REMARKS: Good quality Peedee water.

### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

### SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

### THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

ADDRESS:	City of N. Myrtle B. Ralph Norris PHONE: 249-0222 1015 2nd Avenue S. N. Myrtle Beach, SC 29582	LATITUDE: DISTANCE:	33-49-58 3.69 MILES	DRILL DEPTH: ESE ELEV:	500 YIELD: 350 10.00
REMARKS:	Provides a source which may be utilize	ed if emergency	arises.	LOCATION: NE of 31st	Ave. N. & Duffy St.
COMPANY:	City of N. Myrtle B.	COUNTY:		AQUIFER:	SCWRC: 02Rd03
CONTACT:	City of N. Myrtle B. Ralph Norris PHONE: 249-0222	LONGITUDE:	78~38-22	COMP. DEPTH:	71 USE: OB
ADDRESS:	1015 2nd Avenue S.	LATITUDE:	33-49-58	DRILL DEPTH:	170 YIELD: -1
	1015 2nd Avenue S. N. Myrtle Beach, SC 29582	DISTANCE:	3.62 MILES	ESE ELEV:	10.00
	Test hole. Cherry Grove.			LOCATION: 35' from NW	
	•				
COMPANY:	City of N. Myrtle B.	COUNTY:		AQUIFER:	SCWRC: 02Rd04
CONTACT:	Ralph Norris PHONE: 249-0222	LONGITUDE:	78-38-12	COMP. DEPTH:	160 USE: OB
ADDRESS:	1015 2nd Avenue S. N. Myrtle Beach, SC 29582	LATITUDE:	33-49-58	DRILL DEPTH:	160 YIELD: -1
	N. Myrtle Beach, SC 29582	DISTANCE:	3.62 MILES	ESE ELEV:	0.00
REMARKS:	No evidence in file to suggest that we	ll was ever dr	illed.	LOCATION: 35' W of we	11 02Rd03
	City of N. Mystle B.				
CONTACT:	Ralph Norris PHONE: 249-0222	LONGITUDE:	78-38-22	COMP. DEPTH:	160 USE: OB
ADDRESS:	1015 2nd Averue S.	LATITUDE:	33-49-!-8	DRILL DEPTH:	160 YIELD: -1
	N. Myrtle Beach, SC 29582	DISTANCE:	3.62 HILES	ESE ELEV:	0.00
REMARKS:	Check to see if well was ever drilled.			LOCATION: 100' W. of	
TOMBANG.	Mr. Jorono Holkov	COLLEGE		BOULTERD.	
CONTACT:	Mr. Jerome Walker	COUNTY	78 20-40	WOAD ESSERI	SCWRC: UZReUI
LONIACT	PHONE: 249-2266	TOUGITODE:	70-39-40	COMP. DEPTH:	126 USE: DO
ADDKE22:	11th Avenue N. Tilghman B N. Myrtle Beach, SC	LATITUDE:	33-49-37	DRILL DEPTH:	291 YIELD: -1
	N. Myrtle Beach, SC	DISTANCE:	3.13 MILES	SSE ELEV:	20.00

LOCATION: N. Tilghman Beach

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**REMARKS:** 

### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

### SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

### THE GROUNDWATER SUPPLIES FOUND WITHIN

4 MILES

LOCATION: Little River Water & Sewage Co

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

CONTACT: ADDRESS:	Surf Golf & Beach Cl Dick Hutto PH P.O. Box 47 North Myrtle Be, SC 295 Golf Course Irrigation.	IONE: 249-26	O24 LONGITUDE:	78-39-40 33-49-54	DRILL	DEPTH: DEPTH: ELEV:	15 15 0.00	USE: YIELD:	GC
REFINITIONS.	doll course liligation.	•			Docarron. Becw.	n gru an	d ven gr	26110	
COMPANY:	Surf Golf & Beach Cl		COUNTY:		AQUIFER:	Shallow		scwrc:	02Re03
	Dick Hutto PH			78-39-11	COMP.	DEPTH:	15	USE:	GC
ADDRESS:	P.O. Box 47	•	LATITUDE:	33-49-49	DRILL	DEPTH:	15	YIELD:	400
	North Myrtle Be, SC 295	97	DISTANCE:	3.20 MILES	SSE	ELEV:			
REMARKS:					LOCATION: Between	n 18th g	reen & C	lub Hous	ie .
COMPANY:	U.S.G. Survey		COUNTY:		AQUIFER:			SCWRC:	02Re04
CONTACT:	U.S.G. Survey Paul Drews PH	IONE:	LONGITUDE:	78-39-38	COMP.	DEPTH:	0	USE:	
ADDRESS:	507 28th Avenue North Myrtle Beach,,		LATITUDE:	33-49-53	DRILL	DEPTH:	0		
	Myrtle Beach,,		DISTANCE:	2.89 MILES	SSE	ELEV:	0.00		
REMARKS:					LOCATION: Surf	Golf &	Beach Cl		
COMPANY:	Surf Golf & Beach Cl		COUNTY:		AQUIFER:	Pee Dee		scwrc:	02Re07
CONTACT:	Dick Hutto PH	ONE: 249-20	024 LONGITUDE:	78-39-38	COMP.	DEPTH:	145	USE:	GC
	P.O. Box 47		LATITUDE:					YIELD:	
	North Myrtle Be, SC 295	97	DISTANCE:		SSE	ELEV:	0.00		
REMARKS:	Near the Cypress pond;	PWL 32.28.			LOCATION: 100	West of	#4 fairwa	ay	
COMPANY:	Little River W&S Co.		COUNTY:		AQUIFER:			scwrc:	030b01
CONTACT:	George Adams PH	ONE: 249-40	D25 LONGITUDE:	78-41-59	COMP.	DEPTH:	494	USE:	AB
	P.O. Box 68		LATITUDE:					YIELD:	
	Little River, SC 29566				NNW		0.00		

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: Little River W&S Co. COUNTY: AQUIFER: Black Creek SCWRC: 030--b02 CONTACT: George Adams PHONE: 249-4025 LONGITUDE: 78-41-58 COMP. DEPTH: 380 USE: WS ADDRESS: P.O. Box 68 LATITUDE: 33-54-08 DRILL DEPTH: 380 YIELD: 350 Little River, SC 29566 DISTANCE: 2.55 MILES NNW ELEV: 25.00

REMARKS: LOCATION: E. Hwy 9 in Rum Bluff Subdvn.

COMPANY: Mr. Jimmy Cox COUNTY: AQUIFER: Black Creek SCWRC: 03Q--c01 CONTACT: PHONE: LONGITUDE: 78-42-55 COMP. DEPTH: 210 USE: WS

ADDRESS: Route 1 LATITUDE: 33-54-46 DRILL DEPTH: 210 YIELD: -1

Longs,, SC DISTANCE: 3.56 MILES NNW ELEV: 10.00

REMARKS: Rest rooms and water fountain.

LOCATION: Cox's Store

COMPANY: Grand Strand W & S A COUNTY: AQUIFER: Black Creek SCWRC: 03Q--p01

CONTACT: Douglas P. Werdel PHONE: 347-4641 LONGITUDE: 78-44-17 COMP. DEPTH: 400 USE: WS ADDRESS: P.O. Box 1537 LATITUDE: 33-51-23 DRILL DEPTH: 504 YIELD: 350

Conway, SC 29526 DISTANCE: 3.00 MILES WSW ELEV: 40.00

REMARKS: PWL 44.9. LOCATION: .7 mile east of highway 90

COMPANY: State of S.C. COUNTY: AQUIFER: Black Creek SCWRC: 03Q--r01

CONTACT: PHONE: 248-4636 LONGITUDE: 78-42-18 COMP. DEPTH: 340 USE: OB

ADDRESS: 221 Main Street LATITUDE: 33-51-02 DRILL DEPTH: 340 YIELD: -1

Conway,, SC DISTANCE: 1.50 MILES SSW ELEV: 40.00

REMARKS: Only for OBS & moni-toring of water level in Wampee Area. LOCATION: Wampee Lookout Tower

COMPANY: City of N. Myrtle B. COUNTY: AQUIFER: Black Creek SCWRC: 03Q--u01

CONTACT: Ralph Norris PHONE: 249-0222 LONGITUDE: 78-40-11 COMP. DEPTH: 600 USE: WS ADDRESS: 1015 2nd Avenue South LATITUDE: 33-50-20 DRILL DEPTH: 757 YIELD: 500

North Myrtle Be, SC 29582 DISTANCE: 2.17 MILES SSE ELEV: 16.75

REMARKS: Vereen's Marina; PWL 103.9 @ 503 gpm. LOCATION: 1000' W. hwy 17th & 11th Ave N

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	City of N. Myrtle B. Ralph Norris			COUNTY:			AQUIFER:			SCWRC:	03Ra01
CONTACT:	Ralph Norris	PHONE:	249-0222	LONGITUDE:	78-40-23		COMP.	DEPTH:	0	USE:	
ADDRESS:	1015 2nd Avenue S. N. Myrtle Beach, SC 2			LATITUDE:	33-49-18		DRILL	DEPTH:	0	YIELD:	-1
	N. Myrtle Beach, SC 2	9582		DISTANCE:	3.21 MILES	SSE		ELEV:	0.00		
REMARKS:							ION: N. My				
COMPANY:	U.S.G. Survey			COUNTY:			AQUIFER: S	Shallow		scwrc:	03Ra02
	Paul Drews	PHONE:	626-3793	LONGITUDE:	78-40-27		COMP.	DEPTH:	120	USE:	OB
ADDRESS:	507 28th Avenue North			LATITUDE:	33-49-19		DRILL	DEPTH:	175	YIELD:	-1
	Myrtle Beach,, SC 295										
REMARKS:	Test Hole.					LOCAT	ION: Myrt]	le Beach			
	U.S.G. Survey			COUNTY:		i	AQUIFER: E	Pee Dee		SCWRC:	03Ra03
CONTACT:	Paul Drews	PHONE:	626-3793	LONGITUDE:	78-40-27		COMP.	DEPTH:	45	USE:	ОВ
ADDRESS:	507 28th Avenue North			LATITUDE:	33-49-19		DRILL	DEPTH:	45	YIELD:	
	507 28th Avenue North Myrtle Beach,, SC 295	77		DISTANCE:	3.18 MILES	SSE		ELEV:	0.00		
	Test Hole 1981.						ION: Myrt]				
COMPANY:	U.S.G. Survey Paul Drews			COUNTY:		1	AQUIFER: F	Pee Dee		SCWRC:	03Ra04
CONTACT:	Paul Drews	PHONE:		LONGITUDE:	78-40-27		COMP.	DEPTH:	109	USE:	ОВ
ADDRESS:	507 28th Avenue North			LATITUDE:	33-49-19		DRILL	DEPTH:	120	YIELD:	
	Myrtle Beach,, SC 295	77		DISTANCE:	3.18 MILES	SSE		ELEV:	0.00		
REMARKS:	Test Hole 1981.					LOCAT	ION: Myrtl	le Beach			
COMPANY:	U.S.G. Survey Paul Drews			COUNTY:		į	AQUIFER: F	Pee Dee		SCWRC:	03Ra05
CONTACT:	Paul Drews	PHONE:		LONGITUDE:	78-40-27		COMP.	DEPTH:	108	USE:	ОВ
ADDRESS:	507 28th Avenue North			LATITUDE:	33-49-19		DRILL	DEPTH:	110	YIELD:	
	Myrtle Beach,, SC 295								0.00		
REMARKS:	Test Hole 1981. 3Ra	2 - a5	all very c	lose to one and	other.	LOCAT	ION: Myrtl	e Beach			

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REMARKS: Test Hole.

### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE
THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

CONTACT:	Gator Hole Golf Cour Chris Tilghman P.O. Box 154	PHONE: 249-354	3 LONGITUDE:	78-40-13	COMP.	DEPTH: 2	280	USE:	GC
	North Myrtle Be, SC lst open hole well to	29582	DISTANCE:	3.00 MILES	SSE	ELEV:	20.00		
	Merlin L. Bellamy								
ADDRESS:	P.O. Box 272 N. Myrtle Beach, SC	11101131 212 343	LATITUDE:	33-49-19 3.19 MILES	DRILL	DEPTH: 1	100 100 20.00	YIELD:	-1
	Mr. Bellamy was afrd								
COMPANY: CONTACT:	U.S.G. Survey Paul Drews	PHONE: 626-379	COUNTY: LONGITUDE:	78-40-21	AQUIFER: COMP.	Pee Dee DEPTH:	110	SCWRC:	03Ra08 OB
ADDRESS:	507 28th Avenue North Myrtle Beach,, SC 299 Test Hole.	h . 577	LATITUDE: DISTANCE:	33-49-27 3.06 MILES	DRILL	DEPTH: 1	0.00	YIELD:	
REMARKS:	Test Hole.				LOCATION: Myrt	le Beach			
COMPANY:	U.S.G. Survey Paul Drews	PHONE: 626-379	COUNTY:	78-45-91	AQUIFER:	DEPTH: 1	110	SCWRC:	03Ra09
ADDRESS:	507 28th Avenue North Myrtle Beach,, SC 29	h	LATITUDE:	33-49-91	DRILL	DEPTH: 1	0.00	YIELD:	-1
REMARKS:	Not much information	in the file; to	est hole.		LOCATION: Hill	side Drive	€		
CONTACT:	U.S.G. Survey Paul Drews 507 28th Avenue North Myrtle Beach,, SC 299	PHONE: 626-379	LONGITUDE:	78-45-91	COMP.	DEPTH: 1	135	USE:	03Ra10 OB -1
	myrere beach,, bc 25.		DISTUNCE:	O.OO HILES	UHK	ETEA.	0.00		

LOCATION: Myrtle Beach

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REMARKS:

### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	U.S.G. Survey			COUNTY:		AQUII	ER:		SCWRC:	03Ra11
CONTACT:	Paul Drews	PHONE:	626-3793	LONGITUDE:	78-40-19	(	COMP. DEPTH	90	USE:	ОВ
ADDRESS:	507 28th Avenue North Myrtle Beach,, SC 295	h.		LATITUDE:	33-49-21	I	RILL DEPTH	: 100	YIELD:	
	Myrtle Beach, SC 295	577		DISTANCE:	3.18 MILES	SSE	ELEV	10.00		
	Test Hole.						Myrtle Bead			
COMPANY:	Gator Hole Golf Cour C. Tilghman			COUNTY:		AQUII	ER: Shallow	v	scwrc:	03Ra12
CONTACT:	C. Tilghman	PHONE:	249-3543	LONGITUDE:	78-40-12	(	COMP. DEPTH	: 15	USE:	GC
ADDRESS:	P.O. Box 154 North Myrtle Be, SC 2			LATITUDE:	33-49-34	I	RILL DEPTH	: 15	YIELD:	900
	North Myrtle Be, SC 2	29582		DISTANCE:	2.97 MILES	SSE	ELEV:	0.00		
REMARKS:	Pond		·			LOCATION:	Between 7th	n & 8th gr	eens	
COMPANY:	City of N. Myrtle B.			COUNTY:		AQUIE	ER: Black (	Creek	SCWRC:	03Ra13
CONTACT:	Ralph Norris	PHONE:	249-0222	LONGITUDE:	78-40-23	C	OMP. DEPTH:	627	USE:	WS
ADDRESS:	1015 2nd Avenue South		<b>:</b>	LATITUDE:	33-49-18	r	RILL DEPTH:	668	YIELD:	650
	North Myrtle Be, SC 2	29582		DISTANCE:	3.21 MILES	SSE	ELEV:			
REMARKS:						LOCATION:	280' NE of	Main St.	& hwy 5	25
COMPANY:	City of N. Myrtle B.			COUNTY:		AQUIE	ER: Black (	Creek	scwrc:	03Rb01
CONTACT:	Ralph Norris	PHONE:	249-0222	LONGITUDE:	78-41-06	C	OMP. DEPTH:	702	USE:	WS
ADDRESS:	1015 2nd Avenue South	1		LATITUDE:	33-49-39	Γ	RILL DEPTH:	769	YIELD:	
	North Myrtle Be, SC 2	9582		DISTANCE:	2.70 MILES	SSE	ELEV:	20.00		
REMARKS:	First Avenue and Bay	Street	•			LOCATION:	800' W. 1st	: Ave & Ba	y Street	t
COMPANY:	City of N. Myrtle B.			COUNTY:		AQUIE	ER: Black (	Creek	scwrc:	03Rb02
CONTACT:	Ralph Norris	PHONE:	249-0222	LONGITUDE:	78-41-54	C	OMP. DEPTH:	710	USE:	WS
ADDRESS:	1015 2nd Avenue South			LATITUDE:	33-49-00	Ľ	RILL DEPTH:	750	YIELD:	500
	North Myrtle Be, SC 2	9582		DISTANCE:	3.50 MILES	SSW	ELEV:	20.00		

LOCATION: 800' NW 13th Ave. S.&Belle Dr.

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: City of N. Myrtle B. COUNTY: SCWRC: 03R--b03 AQUIFER: LONGITUDE: 78-41-23 CONTACT: Ralph Norris PHONE: 249-0222 COMP. DEPTH: 44 USE: AB ADDRESS: 1015 2nd Avenue S. LATITUDE: 33-49-18 DRILL DEPTH: YIELD: -1 50 N. Myrtle Beach, SC 29582 DISTANCE: 3.11 MILES SSW ELEV: REMARKS: No construction data is available on this well. LOCATION: N. Myrtle Beach COMPANY: U.S.G. Survey COUNTY: AQUIFER: SCWRC: 03R--b04 LONGITUDE: 78-41-54 CONTACT: Paul Drews PHONE: 626-3793 COMP. DEPTH: 100 USE: OB ADDRESS: 507 28th Avenue North LATITUDE: 33-49-01 DRILL DEPTH: 100 YIELD: Myrtle Beach,, SC 29577 DISTANCE: 3.49 MILES SSW ELEV: 0.00 REMARKS: Not much information in file. Casing diameter is 2" LOCATION: N. Myrtle Beach COMPANY: Beachwood Golf Club COUNTY: AQUIFER: SCWRC: 03R--c01 CONTACT: H. L. Bellamy PHONE: 272-5384 LONGITUDE: 78-42-18 COMP. DEPTH: 70 USE: IR ADDRESS: 1520 Highway 17 South LATITUDE: 33-49-10 DRILL DEPTH: 70 YIELD: -1 N. Myrtle Beach, SC 29582 DISTANCE: 3.41 MILES SSW ELEV: 20.00 REMARKS: Used water frm AlWW Irr. fr. ponds clubhouse. Open hole LOCATION: Beachwood Golf Club COMPANY: Possum Trot Golf Clu COUNTY: AQUIFER: Pee Dee SCWRC: 03R--c02 CONTACT: Frederick Gore PHONE: 272-5341 LONGITUDE: 78-42-01 COMP. DEPTH: 135 USE: GC ADDRESS: P.O. Box 297 LATITUDE: 33-49-39 DRILL DEPTH: 200 YIELD: 525 DISTANCE: 2.80 MILES SSW North Myrtle Be, SC 29582 ELEV: 20.00 REMARKS: Previous owners had no records available on well; PWL 35. LOCATION: 2050' fr. Pos. Trot Club House COMPANY: Possum Trot G.C. COUNTY: AOUIFER: SCWRC: 03R--c03 CONTACT: Fred Gore PHONE: 272-5341 LONGITUDE: 78-42-01 COMP. DEPTH: USE: WS ADDRESS: P.O. Box 297 LATITUDE: 33-49-30 DRILL DEPTH: Ω YIELD: -1

DISTANCE: 2.97 MILES SSW

ELEV:

LOCATION: N. Myrtle Beach

20.00

NOTE: LATITUDES OR LONGITUDES ENDING IN 95 ARE ONLY ACCURATE TO WITHIN 5 MINUTES.

LATITUDES OR LONGITUDES ENDING IN 91 ARE ONLY ACCURATE TO WITHIN 1 MINUTE.

REMARKS: Used for bathrooms on the golf course; Produce approx.12gpm

N. Myrtle Beach, SC 29582

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#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

4 MILES

ELEV:

LOCATION: NE of NMB Airport

20.00

COMPANY: Beachwood Golf Club COUNTY: AOUIFER: SCWRC: 03R--c04 CONTACT: H. L. Bellamy LONGITUDE: 78-42-30 PHONE: 272-5384 COMP. DEPTH: 130 USE: GC ADDRESS: 1520 Highway 17 South LATITUDE: 33-49-13 DRILL DEPTH: 130 YIELD: 100 North Myrtle Be, SC 29582 DISTANCE: 3.42 MILES SSW ELEV: 0.00 REMARKS: 4" diameter in casing. LOCATION: 510' from the 6th tee. COMPANY: Possum Trot Golf Clu COUNTY: AQUIFER: Shallow SCWRC: 03R--c05 CONTACT: Fred Gore PHONE: 272-5341 LONGITUDE: 78-42-06 COMP. DEPTH: 15 USE: GC ADDRESS: P.O. Box 297 LATITUDE: 33-49-18 DRILL DEPTH: 15 YIELD: 525 North Myrtle Be, SC 29582 ELEV: 0.00 DISTANCE: 3.21 MILES SSW REMARKS: Pond. LOCATION: Between the 4th & 18th greens COMPANY: Leo Bourne COUNTY: AQUIFER: Black Creek SCWRC: 03R--d01 CONTACT: PHONE: 399-6653 LONGITUDE: 78-44-08 COMP. DEPTH: 364 USE: DO ADDRESS: Highway 90 LATITUDE: 33-49-46 DRILL DEPTH: 364 YIELD: N. Myrtle Beach, SC DISTANCE: 3.78 MILES WSW ELEV: 20.00 REMARKS: LOCATION: Wampee Section highway 90 COMPANY: Leo Bourne COUNTY: AQUIFER: Black Creek SCWRC: 03R--d02 CONTACT: PHONE: 399-6653 LONGITUDE: 78-43-12 COMP. DEPTH: 537 USE: DO ADDRESS: Highway 90 DRILL DEPTH: 550 LATITUDE: 33-49-18 YIELD: N. Myrtle Beach, SC DISTANCE: 3.63 MILES SSW ELEV: 20.00 REMARKS: Strange odor. Pots turned black. Date completed 1965. LOCATION: Wampee section; highway 90 COMPANY: City of N. My tle B. COUNTY: AQUIFER: Black Creek SCWRC: 03R--g01 CONTACT: Ralph Norris PHONE: 249-0222 LONGITUDE: 78-43-01 COMP. DEPTH: 600 USE: WS ADDRESS: 1015 2nd Avenue South LATITUDE: 33-48-55 DRILL DEPTH: 600 YIELD: 500

DISTANCE: 3.93 MILES SSW

NOTE: LATITUDES OR LONGITUDES ENDING IN 95 ARE ONLY ACCURATE TO WITHIN 5 MINUTES.

LATITUDES OR LONGITUDES ENDING IN 91 ARE ONLY ACCURATE TO WITHIN 1 MINUTE.

North Myrtle Be, SC 29582

REMARKS: On the extension of Deer Street.

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**REMARKS: POND.** 

### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY	City of N. Westle P.		COLLYDY		NO!!	TRED. Diese C	an ale	como.	03Db01
COMPANI:	City of N. Myrtle B. Ralph Norris	DUONE 240 0222	COUNTIL	70 40 20	AQ0	TLEK: DIGCK C	612	SCHAC:	02K110T
CONTACT:	1015 Old North	PHONE: 249-0222	LONGITUDE:	78-42-20		COMP. DEPTH:	612	USE:	WS
AUURESS:	1015 2nd Avenue S. N. Myrtle Beach, SC 2		LATITUDE:	33-48-33		DRILL DEPTH:	613	AIETD:	205
REMARKS:	Used only for emerger	ncies due to high ch	nloride conte	nt.	LOCATION	: N. Myrtle Be	each		
	Azalea Sands G.C.		COUNTY:		AQU	IFER:		SCWRC:	03Rh02
CONTACT:	Jay J. Rabon	PHONE: 272-6446	LONGITUDE:	78-42-48	_	COMP. DEPTH:	0	USE:	
ADDRESS:	2100 Highway 17 North	1	LATITUDE:	33-48-37		DRILL DEPTH:	0	YIELD:	-1
	2100 Highway 17 North Myrtle Beach,, SC 295	82	DISTANCE:	4.16 MILES	SSW	ELEV:	20.00		
	Superintendent had no								
COMPANY:	Azalea Sands G.C.		COUNTY:		AQU	IFER: Black C:	reek	SCWRC:	03Rh03
CONTACT:	Joedit Rabon	PHONE: 272-6446	LONGITUDE:	78-42-43	_	COMP. DEPTH:	380	USE:	GC
ADDRESS:	Joedit Rabon 2100 Highway 17 North	1	LATITUDE:	33-48-47		DRILL DEPTH:	404	YIELD:	135
	Myrtle Beach, SC 2958	32	DISTANCE:	3.96 MILES	SSW	ELEV:	20.00		
	North of the Pump Hou					: Azalea Sanda		ub	
COMPANY:	Beachwood Golf Club		COUNTY:		NOA	IFER: Shallow		scwrc:	03Rh05
CONTACT:	H. L. Bellamy	PHONE: 272-5384	LONGITUDE:	78-42-21		COMP. DEPTH:	130	USE:	GC
	1520 Highway 17 South		LATITUDE:	33-48-59		DRILL DEPTH:	130	YIELD:	100
	North Myrtle Be, SC 2	9582	DISTANCE:	3.62 MILES	SSW	ELEV:			
REMARKS:	POND; casing dia. 4";	Submersible.				: Between 5th	& 6th fa	irways	
COMPANY:	Azalea Sands G.C.		COUNTY:		AOU	IFER: Shallow		SCWRC:	03Rh06
CONTACT:	Joedit Rabon	PHONE: 272-6446	LONGITUDE:	78-42-43		COMP. DEPTH:	15	USE:	GC
ADDRESS:	2100 Highway 17 North		LATITUDE:	33-48-47		DRILL DEPTH:	15	YIELD:	
	2100 Highway 17 North Myrtle Beach, SC 2958	32	DISTANCE:	3.96 MILES	SSW	ELEV:	0.00		- <del></del>
	- · · · · · · · · · · · · · · · · · · ·								

LOCATION: Between 13th and 14th fairways

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY: U.S.G. Survey COUNTY: AOUIFER: SCWRC: 03R--h07 CONTACT: Paul Drews PHONE: 626-3793 LONGITUDE: 78-43-00 COMP. DEPTH: 150 USE: OB ADDRESS: 507 28th Avenue North LATITUDE: 33-49-10 DRILL DEPTH: 150 YIELD: -1 Myrtle Beach., SC DISTANCE: 3.67 MILES SSW ELEV: 20.00 REMARKS: Well diameter 2" LOCATION: N. Myrtle Beach Airport COMPANY: U.S.G. Survey COUNTY: AOUIFER: SCWRC: 03R--h08 CONTACT: Paul Drews PHONE: 626-3793 LONGITUDE: 78-43-00 COMP. DEPTH: 100 USE: OB ADDRESS: 507 28th Avenue North LATITUDE: 33-49-00 DRILL DEPTH: 100 YIELD: -1 Myrtle Beach,, SC 29577 DISTANCE: 3.84 MILES SSW ELEV: 20.00 REMARKS: Well 2" LOCATION: N. Myrtle Beach; Azalea GC COMPANY: U.S.G. Survey COUNTY: AOUIFER: SCWRC: 03R--h09 CONTACT: Paul Drews PHONE: 626-3793 LONGITUDE: 78-42-20 COMP. DEPTH: 100 USE: OB ADDRESS: 507 28th Avenue North DRILL DEPTH: 100 LATITUDE: 33-48-34 YIELD: -1 Myrtle Beach, SC 29577 DISTANCE: 4.08 MILES SSW ELEV: 20.00 REMARKS: Test well use only. LOCATION: N. Myrtle Beach COMPANY: U.S.G. Survey COUNTY: AOUIFER: SCWRC: 03R--h10 CONTACT: Paul Drews PHONE: 626-3793 LONGITUDE: 78-42-07 COMP. DEPTH: 100 USE: OB ADDRESS: 507 28th Avenue North LATITUDE: 33-48-26 DRILL DEPTH: 100 YIELD: Myrtle Beach, SC 29577 DISTANCE: 4.18 MILES SSW ELEV: 0.00 REMARKS: Well diameter 2" LOCATION: 17th Ave. S. & Perrin Drive COMPANY: City of N. Myrtle B. COUNTY: AQUIFER: Black Creek SCWRC: 03R--h12 CONTACT: Ralph Norris PHONE: 249-0222 LONGITUDE: 78-42-18 COMP. DEPTH: 662 USE: WS ADDRESS: 1015 2nd Avenue South LATITUDE: 33-48-34 DRILL DEPTH: 700 YIELD: 650

DISTANCE: 4.07 MILES SSW

ELEV:

LOCATION: 210' SE of 18th Ave. & Edge Dr

0.00

IOTE: LATITUDES OR LONGITUDES ENDING IN 95 ARE ONLY ACCURATE TO WITHIN 5 MINUTES.

LATITUDES OR LONGITUDES ENDING IN 91 ARE ONLY ACCURATE TO WITHIN 1 MINUTE.

North Myrtle Be, SC 29582

REMARKS: Well name #12 crescent beach.

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REMARKS:

## S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	City of N. Myrtle B.		COUNTY:		AQUIFER:	Black C	reek	SCWRC:	03Ri01
CONTACT:	Ralph Norris PHONE:	249-0222	LONGITUDE:	78-41-10	COMP	. DEPTH:	561	USE:	WS
ADDRESS:	1015 2nd Aveneu South		LATITUDE:	33-48-59	DRIL	L DEPTH:	601	YIELD:	250
	North Myrtle Be, SC 29582		DISTANCE:	3.47 MILES	SSE	ELEV:	25.00		
REMARKS:	Ralph Norris PHONE: 1015 2nd Aveneu South North Myrtle Be, SC 29582 Well name #4 9th Avenue &	Hillside.			LOCATION: 9th	Avenue	and Hills	ide NMB	
COMPANY:	Dunes Develpmt Corp.		COUNTY:		AQUIFER:	Pee Dee		scwrc:	02Qy11
CONTACT:	Victor Cashwell PHONE:	249-5481	LONGITUDE:	78-39-33	COMP	. DEPTH:	160	USE:	LI
ADDRESS:	211 N. Kings Highway N. Myrtle Beach, SC 29582		LATITUDE:	33-50-19	DRIL	L DEPTH:	160	YIELD:	650
	N. Myrtle Beach, SC 29582		DISTANCE:	2.53 MILES	SSE	ELEV:	20.00		
REMARKS:	Applied for class-a permit;	did not need	to.		LOCATION: Fox	Hollow	Subdivisi	on	
COMPANY:	U.S.G. Survey		COUNTY:		AQUIFER:			SCWRC:	02Re05
CONTACT:	Paul Drews PHONE:	626-3793	LONGITUDE:	78-39-38	COMP	. DEPTH:	154	USE:	ОВ
ADDRESS:	507 28th Avenue North		LATITUDE:	33-49-53	DRIL	L DEPTH:	154	YIELD:	656
	Myrtle Beach,. SC		DISTANCE:	2.89 MILES	SSE	ELEV:	-1.00		
REMARKS:	Paul Drews PHONE: 507 28th Avenue North Myrtle Beach, SC PWL 21.7.				LOCATION: Sur	f Golf &	Beach Cl	ub	
COMPANY:	U.S.G. Survey Paul Drews PHONE: 507 28th Avenue North		COUNTY:		AQUIFER:			SCWRC:	02Re06
CONTACT:	Paul Drews PHONE:	626-3793	LONGITUDE:	78-39-41	COMP	. DEPTH:	110	USE:	ОВ
ADDRESS:	507 28th Avenue North		LATITUDE:	33-49-52	DRIL	L DEPTH:	110	YIELD:	-1
	Myrtle Beach, SC 29577		DISTANCE:	2.88 MILES	SSE	ELEV:	-1.00		
REMARKS:	Well was used as obs. well	for aquifer te	st at well 2	2R-e7.	LOCATION: Myr	tle Beac	h		
COMPANY:	Eastport Golf Club		COUNTY:		AQUIFER:	Shallow		SCWRC:	02 <b>Q</b> r06
CONTACT:	Mark Rohdenburg PHONE:	249-3997	LONGITUDE:	78-37-36	COMP	. DEPTH:	-1	USE:	GC
ADDRESS:	P.O. Box 300 N. Myrtle Beach, SC 29597		LATITUDE:	33-51-57	DRIL	L DEPTH:	-1	YIELD:	1008
	N. Myrtle Beach, SC 29597		DISTANCE:	3.51 MILES	ESE	ELEV:	15.00		
<b>1</b>						_			

LOCATION: 200' NW of 13th hole

NOTE: LATITUDES OR LONGITUDES ENDING IN 95 ARE ONLY ACCURATE TO WITHIN 5 MINUTES. LATITUDES OR LONGITUDES ENDING IN 91 ARE ONLY ACCURATE TO WITHIN 1 MINUTE.

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REMARKS:

### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

4 MILES

LOCATION: BTW.FAIRWAY #16 & EAST.PROP.LN

COMPANY: CONTACT: ADDRESS: REMARKS:	Southern Land & Golf Steven L. Long P.O. Drawer 3707 North Myrtle Bc, SC	PHONE:	803-249-1403	LONGITUDE:	78-37-23 33-51-18	ESE	COMP.	DEPTH: DEPTH:	-1 -1 -1.00	USE: YIELD:	GC 65
COMPANY:	Southern Land & Golf Steven L. Long			COUNTY:					_	•	
ADDRESS:	P.O. Drawer 3707 North Myrtle Bc, SC	PHONE:	803-249-1403	LATITUDE:	78-37-12 33-51-20	PCP	DRILL	DEPTH:	-1 -1	YIELD:	67
REMARKS:		23337		DISTANCE:	3.9/ MILES			OF TEE			
CONTACT: ADDRESS:	Southern Land & Golf Steven L. Long P.O. Drawer 3707 North Myrtle Bc, SC	PHONE:	803-249-1403	LONGITUDE:	78-37-09 33-51-25		COMP.	DEPTH: DEPTH:	-1	USE:	GC
REMARKS:	·							EEN TEES	#10 ANI	<b>#16.</b>	
CONTACT: ADDRESS:	Southern Land & Golf Steven L. Long P.O. Drawer 3707 North Myrtle Bc, SC	PHONE:	803-249-1403	LONGITUDE:	78-37-12 33-51-16	ESE	COMP. DRILL	DEPTH:	-1 -1 -1.00	USE: YIELD:	GC
CONTACT: ADDRESS:	Southern Land & Golf Steven L. Long P.O. Drawer 3707 North Myrtle Bc, SC	PHONE:	803-249-1403	LONGITUDE:	78-37-08 33-51-34		COMP.	DEPTH: DEPTH:	-1 -1		GC

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Southern Land & Golf Steven L. Long			COUNTY:		AQUIFER:			SCWRC:	02Qr12	
CONTACT:	Steven L. Long	PHONE:	803-249-1403	LONGITUDE:	78-37-03	COMP.	DEPTH:	-1	USE:	GC	
ADDRESS:	P.O. Drawer 3707 North Myrtle Bc, SC 2			LATITUDE:	33-51-27	DRILL	DEPTH:	-1	YIELD:	17	
	North Myrtle Bc, SC 2	29597		DISTANCE:	4.08 MILES	ESE	ELEV:	-1.00			
REMARKS:						LOCATION: BTW.					
COMPANY:	Southern Land & Golf			COUNTY:		AQUIFER:			scwrc:	02Qr13	
CONTACT:	Steven L. Long	PHONE:	803-249-1403	LONGTTUDE:	78-36-59	COMP.	DEPTH:	-1	USE:	GC	
ADDRESS:	P.O. Drawer 3707			LATITUDE:	33-51-18	DRILL	DEPTH:	-1	YIELD:	35	
	P.O. Drawer 3707 North Myrtle Bc, SC 2	29597		DISTANCE:	4.18 MILES	ESE	ELEV:	-1.00			
REMARKS:						LOCATION: BTW.					
COMPANY:	Southern Land & Golf			COUNTY:		AQUIFER:			scwrc:	02Qr14	
CONTACT:	Steven L. Long	PHONE:	803-249-1403	LONGITUDE:	78-37-04	COMP.	DEPTH:	-1	USE:	GC	
ADDRESS:	Steven L. Long P.O. Drawer 3707		,	LATITUDE:	33-51-08	DRILL	DEPTH:	-1	YIELD:	25	
	North Myrtle Bc, SC 2	29597		DISTANCE:	4.14 MILES	ESE	ELEV:	-1.00			
REMARKS:	-					LOCATION: BTW.	TEE #15	AND UNDE	RPASS.		
COMPANY:	Southern Land & Golf Steven L. Long			COUNTY:		AQUIFER:			SCWRC:	02Qr15	
CONTACT:	Steven L. Long	PHONE:	803-249-1403	LONGITUDE:	78-37-19	COMP.	DEPTH:	-1	USE:	GC	
ADDRESS:	P.O. Drawer 3707 North Myrtle Bc, SC 2			LATITUDE:	33-51-17	DRILL	DEPTH:	-1	YIELD:	1970	
	North Myrtle Bc, SC 2	9597		DISTANCE:	3.87 MILES	ESE	ELEV:	-1.00			
REMARKS:						LOCATION: PUMP					
COMPANY:	Southern Land & Golf			COUNTY:		AQUIFER:	PeeDee		SCWRC:	02Qr16	
CONTACT:	Steven L. Long	PHONE:	803-249-1403	LONGITUDE:	78-37-16	COMP.	DEPTH:	520	USE:	GC	
ADDRESS:	Steven L. Long P.O. Drawer 3707	•		LATITUDE:	33-51-16	DRILL	DEPTH:	520	YIELD:	460	
	North Myrtle Bc, SC 2	9597		DISTANCE:	3.92 MILES	ESE	ELEV:	-1.00			
REMARKS:					LOCATION: NEAR PUMP HOUSE AT LAKE #1						

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Southern Land & Golf			COUNTY:			AQUIFER:	Peedee		SCWRC:	02Qr17
CONTACT:	Steven L. Long	PHONE:	803-249-1403								
ADDRESS:	P.O. Drawer 3707			LATITUDE:	33-51-42		DRILL	DEPTH:	33		
	P.O. Drawer 3707 North Myrtle Bc, SC	29597		DISTANCE:	3.89 MILES	ESE		ELEV:	-1.00		
REMARKS:							TION: Betw			East.P	rop
COMPANY:	Southern Land & Golf			COUNTY:			AQUIFER:	Peedee		scwrc:	02Qr18
CONTACT:	Steven L. Long	PHONE:	803-249-1403	LONGITUDE:	78-37-25		COMP.	DEPTH:	44		
ADDRESS:	P.O. Drawer 3707 North Myrtle Bc, SC			LATITUDE:	33-51-27		DRILL	DEPTH:	44	YIELD:	12
	North Myrtle Bc, SC	29597		DISTANCE:	3.74 MILES	ESE		ELEV:	-1.00		
REMARKS:				LOCATION:							
COMPANY:	NMB LIBRARY			COUNTY:			AQUIFER:	PEEDEE		SCWRC:	03Ra14
CONTACT:	:	PHONE:	626-1370								
ADDRESS:					33-49-34		DRILL	DEPTH:	-1	YIELD:	
	NMB, SC 29578			DISTANCE:	2.84 MILES	SSE		ELEV:	20.00		
REMARKS:	2ND AVE. N. NMB, SC 29578 ALTERNATE PHONE #248-1370.			LOCATION: N MYRTLE LIBRARY 2ND AVE N							
COMPANY:	Caro-Strand Corporat	ion		COUNTY:	Horry		AQUIFER:			SCWRC:	26GC02G05
CONTACT:		PHONE:		LONGITUDE:	78-39-36		COMP.	DEPTH:	0	USE:	
ADDRESS:	P.O. Box 240			LATITUDE:	33-52-29		DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC	29597		DISTANCE:	1.68 MILES				0.00		
REMARKS:						LOCA	TION:				
COMPANY:	Azalea Sand Golf Clu	b		COUNTY:	Horry		AQUIFER:			SCWRC:	26GC01G01
CONTACT:										USE:	
ADDRESS:									0	YIELD:	0
	2100 Highway 17 N. Myrtle Beach, SC 295	82		DISTANCE:	3.96 MILES	SSW		ELEV:	0.00		
REMARKS:							TION:				

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### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

4 MIDDO

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

4										
COMPANY:	Azalea Sand Golf Clu			Horry					SCWRC:	26GC01G02
CONTACT:		PHONE:	LONGITUDE:	78-42-43		COMP.	DEPTH:	0	USE:	
ADDRESS:	2100 Highway 17 N.	•	LATITUDE:	33-48-47		DRILL	DEPTH:	0	YIELD:	0
	Myrtle Beach, SC 295	82	DISTANCE:	3.96 MILES	SSW		ELEV:	0.00		
REMARKS:					LOCA	LOCATION:				
COMPANY:	Caro-Strand Corporat	ion	COUNTY:	Horry		AQUIFER:			scwrc:	26GC02G01
CONTACT:			LONGITUDE:	78-39-35		COMP.	DEPTH:	0	USE:	
ADDRESS:	P.O. Box 240			33-52-04				0	YIELD:	0
	N. Myrtle Beach, SC	29597	DISTANCE:	1.60 MILES	ENE -		ELEV:	0.00		
REMARKS:			LOCATION:							
COMPANY:	Caro-Strand Corporat	ion	COUNTY:	Horry		AQUIFER:			SCWRC:	26GC02G02
CONTACT:		PHONE:	LONGITUDE:	78-39-40		COMP.	DEPTH:	0	USE:	
ADDRESS:	P.O. Box 240			33-51-53				0	YIELD:	0
	N. Myrtle Beach, SC	29597	DISTANCE:	1.53 MILES	ESE		ELEV:	0.00		
REMARKS:					LOCA	TION:				
COMPANY:	Caro-Strand Corporat	ion	COUNTY:	Horry		AQUIFER:			SCWRC:	26GC02G03
CONTACT:				78-39-37				0	USE:	
ADDRESS:	P.O. Box 240		LATITUDE:	33-52-28		DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC	29597	DISTANCE:	1.66 HILES	ENE		ELEV:	0.00		
REMARKS:					LOCA	TION:				
COMPANY:	Caro-Strand Corporat	ion	COUNTY:	Horry		AOUIFER:			SCWRC:	26GC02G04
CONTACT:	_			78-39-38		COMP.		0	USE:	
ADDRESS:	P.O. Box 240			33-52-21		DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC			1.60 MILES			ELEV:	0.00		
REMARKS:	<del>-</del>					TION:				
4										

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#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

Beachwood Golf Club							0		26GC03G01
							0		0
							0.00		_
•				LOCAT	:NOI				
Beachwood Golf Club		COUNTY:	Horry		AQUIFER:			scwrc:	26GC03G02
	PHONE:	LONGITUDE:	78-42-21		COMP.	DEPTH:	0	USE:	
1520 Highway 17 South	n.	LATITUDE:	33-48-59		DRILL	DEPTH:	0	YIELD:	0
N. Myrtle Beach, SC	29582	DISTANCE:	3.62 MILES	SSW		ELEV:	0.00		
				LOCAT	CION:				
Robbers Roost Golf Co	ourse	COUNTY:	Horry		AQUIFER:			SCWRC:	26GC08G01
								USE:	
P.O. Box 68		LATITUDE:					0	YIELD:	0
N. Myrtle Beach, SC 2	29582	DISTANCE:	2.49 MILES	ESE		ELEV:	0.00		
				LOCAT	'ION:				
Possum Trot Golf Club		COUNTY:	Horry		AQUIFER:			SCWRC:	26GC10G01
							0	USE:	
Post Office Box 297		LATITUDE:	33-49-30		DRILL	DEPTH:	0	YIELD:	0
N. Myrtle Beach, SC 2	29582	DISTANCE:	2.99 MILES	SSW		ELEV:	0.00		
				LOCAT	'ION:				
Possum Trot Golf Club	<b>)</b> .	COUNTY:	Horry		AQUIFER:			SCWRC:	26GC10G02
								USE:	
Post Office Box 297		LATITUDE:	33-49-18		DRILL	DEPTH:	0	YIELD:	0
N. Myrtle Beach, SC 2	29582	DISTANCE:	3.21 MILES	SSW		ELEV:	0.00		
				LOCAT	'ION:				
	1520 Highway 17 South N. Myrtle Beach, SC :  Beachwood Golf Club  1520 Highway 17 South N. Myrtle Beach, SC :  Robbers Roost Golf Co.  Robbers Roost Golf Co.  P.O. Box 68 N. Myrtle Beach, SC :  Possum Trot Golf Club  Post Office Box 297 N. Myrtle Beach, SC :  Possum Trot Golf Club  Post Office Box 297 No Myrtle Beach, SC :  Possum Trot Golf Club	PHONE: 1520 Highway 17 South N. Myrtle Beach, SC 29582  Beachwood Golf Club PHONE: 1520 Highway 17 South N. Myrtle Beach, SC 29582  Robbers Roost Golf Course PHONE: P.O. Box 68 N. Myrtle Beach, SC 29582  Possum Trot Golf Club PHONE: Post Office Box 297 N. Myrtle Beach, SC 29582  Possum Trot Golf Club PHONE: Post Office Box 297 N. Myrtle Beach, SC 29582	PHONE: LONGITUDE: 1520 Highway 17 South LATITUDE: N. Myrtle Beach, SC 29582 DISTANCE:  Beachwood Golf Club COUNTY: PHONE: LONGITUDE: 1520 Highway 17 South LATITUDE: N. Myrtle Beach, SC 29582 DISTANCE:  Robbers Roost Golf Course COUNTY: PHONE: LONGITUDE: P.O. Box 68 LATITUDE: N. Myrtle Beach, SC 29582 DISTANCE:  Possum Trot Golf Club COUNTY: PHONE: LONGITUDE: Post Office Box 297 LATITUDE: N. Myrtle Beach, SC 29582 DISTANCE:  Possum Trot Golf Club COUNTY: PHONE: LONGITUDE: Post Office Box 297 LATITUDE: Post Office Box 297 LATITUDE: Post Office Box 297 LATITUDE:	PHONE: LONGITUDE: 78-42-30 1520 Highway 17 South LATITUDE: 33-49-13 N. Myrtle Beach, SC 29582 DISTANCE: 3.42 MILES  Beachwood Golf Club COUNTY: Horry PHONE: LONGITUDE: 78-42-21 1520 Highway 17 South LATITUDE: 33-48-59 N. Myrtle Beach, SC 29582 DISTANCE: 3.62 MILES  Robbers Roost Golf Course COUNTY: Horry PHONE: LONGITUDE: 78-39-23 P.O. Box 68 LATITUDE: 33-50-30 N. Myrtle Beach, SC 29582 DISTANCE: 2.49 MILES  Possum Trot Golf Club COUNTY: Horry PHONE: LONGITUDE: 78-42-06 LATITUDE: 33-49-30 DISTANCE: 2.99 MILES  Possum Trot Golf Club COUNTY: Horry PHONE: LONGITUDE: 78-42-06 LATITUDE: 33-49-30 DISTANCE: 2.99 MILES	PHONE: LONGITUDE: 78-42-30  1520 Highway 17 South  N. Myrtle Beach, SC 29582  Beachwood Golf Club  PHONE: LONGITUDE: 78-42-21  1520 Highway 17 South  PHONE: LONGITUDE: 78-42-21  1520 Highway 17 South  N. Myrtle Beach, SC 29582  Robbers Roost Golf Course  PHONE: LONGITUDE: 78-42-21  1520 Highway 17 South  N. Myrtle Beach, SC 29582  Robbers Roost Golf Course  PHONE: LONGITUDE: 78-39-23  P.O. Box 68  N. Myrtle Beach, SC 29582  POSSUM Trot Golf Club  PHONE: LONGITUDE: 78-42-06  POSSUM Trot Golf Club  PHONE: LONGITUDE: 78-42-06  POST Office Box 297  N. Myrtle Beach, SC 29582  POSSUM Trot Golf Club  POSSUM Trot Golf Club  POSSUM Trot Golf Club  POSSUM Trot Golf Club  POSSUM Trot Golf Club  PHONE: LONGITUDE: 78-42-06  POSSUM Trot Golf Club  PHONE: LONGITUDE: 78-42-06  POSSUM Trot Golf Club  PHONE: LONGITUDE: 78-42-06  POSSUM Trot Golf Club  PHONE: LONGITUDE: 78-42-06  POSSUM Trot Golf Club  PHONE: LONGITUDE: 78-42-06  POSSUM Trot Golf Club  PHONE: LONGITUDE: 78-42-06  POSSUM Trot Golf Club  PHONE: LONGITUDE: 78-42-06  POST Office Box 297  LATITUDE: 33-49-18  N. Myrtle Beach, SC 29582  DISTANCE: 3.21 MILES SSW	PHONE: LONGITUDE: 78-42-30 COMP. 1520 Highway 17 South LATITUDE: 33-49-13 DRILL N. Myrtle Beach, SC 29582 DISTANCE: 3.42 MILES SSW LOCATION:  Beachwood Golf Club COUNTY: Horry AQUIFER: PHONE: LONGITUDE: 78-42-21 COMP. 1520 Highway 17 South LATITUDE: 33-48-59 DRILL N. Myrtle Beach, SC 29582 DISTANCE: 3.62 MILES SSW LOCATION:  Robbers Roost Golf Course COUNTY: Horry AQUIFER: PHONE: LONGITUDE: 78-39-23 COMP. P.O. Box 68 LATITUDE: 33-50-30 DRILL N. Myrtle Beach, SC 29582 DISTANCE: 2.49 MILES ESE LOCATION:  Possum Trot Golf Club COUNTY: Horry AQUIFER: PHONE: LONGITUDE: 78-42-06 COMP. Post Office Box 297 LATITUDE: 33-49-30 DRILL N. Myrtle Beach, SC 29582 DISTANCE: 2.99 MILES SSW LOCATION:  Possum Trot Golf Club COUNTY: Horry AQUIFER: PHONE: LONGITUDE: 78-42-06 COMP. LOCATION:  Possum Trot Golf Club COUNTY: Horry AQUIFER: PHONE: LONGITUDE: 78-42-06 COMP. LOCATION:  Possum Trot Golf Club COUNTY: Horry AQUIFER: PHONE: LONGITUDE: 78-42-06 COMP. Post Office Box 297 LATITUDE: 33-49-18 DRILL	## PHONE: LONGITUDE: 78-42-30 COMP. DEPTH:  1520 Highway 17 South LATITUDE: 33-49-13 DRILL DEPTH:  N. Myrtle Beach, SC 29582 DISTANCE: 3.42 MILES SSW ELEV:    LOCATION:	PHONE:	PHONE:

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#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Surf Golf & Beach Clu	ab	COUNTY:	Horry		AQUIFER:			SCWRC:	26GC13G01
CONTACT:		PHONE:	LONGITUDE:	78-39-05		COMP.	DEPTH:	0	USE:	
ADDRESS:	Post Office Box 47		LATITUDE:	33-50-11		DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 2			2.95 MILES				0.00		
REMARKS:						rion:				
COMPANY:	Surf Golf & Beach Clu	ıb	COUNTY:	Horry		AQUIFER:			scwrc:	26GC13G02
CONTACT:		PHONE:	LONGITUDE:	78-39-38		COMP.	DEPTH:	0	USE:	
ADDRESS:	Post Office Box 47							0	YIELD:	0
	N. Myrtle Beach, SC 2	29597	DISTANCE:	2.89 MILES	SSE		ELEV:	0.00		
REMARKS:					LOCAT	rion:				
COMPANY:	Surf Golf & Beach Clu	ıb dı	COUNTY:	Horry		AQUIFER:			scwrc:	26GC13G03
CONTACT:		PHONE:	LONGITUDE:	78-39-04		COMP.	DEPTH:	0	USE:	
ADDRESS:	Post Office Box 47		LATITUDE:	33-50-12		DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 2	29597	DISTANCE:	2.95 MILES	ESE		ELEV:	0.00		
REMARKS:					LOCAT	rion:				
COMPANY:	Surf Golf & Beach Clu	ıb	COUNTY:	Horry		AQUIFER:			SCWRC:	26GC13G04
CONTACT:									USE:	
ADDRESS:	Post Office Box 47		LATITUDE:	33-49-54		DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 2	29597	DISTANCE:	2.85 MILES	SSE		ELEV:	0.00		
REMARKS:					LOCAT	rion:				
COMPANY:	Surf Golf & Beach Clu	ıb	COUNTY:	Horry		AQUIFER:			SCWRC:	26GC13G05
CONTACT:		PHONE:	LONGITUDE:	78-39-11		COMP.	DEPTH:	0	USE:	
ADDRESS:	Post Office Box 47							0	YIELD:	0
	N. Myrtle Beach, SC 2			3.20 MILES				0.00		
REMARKS:					LOCAT	CION:				

Page No. 38 Date: 12/16/93

#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN

4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

CONTACT: ADDRESS:	Post Office Box 47 N. Myrtle Beach, SC	ub PHONE: 29597	LATITUDE:			COMP.	DEPTH: DEPTH:	0 0 0.00	SCWRC: USE: YIELD:	26GC13G06 0
REMARKS:					LOCAT	CION:				
COMPANY:	The Gator Hole Golf	Cours	COUNTY:	Horry		AQUIFER:			SCWRC:	26GC16G01
CONTACT:		PHONE:	LONGITUDE:	78-40-10		COMP.	DEPTH:	0	USE:	
ADDRESS:		·						0	YIELD:	0
	N. Myrtle Beach, SC	29582	DISTANCE:	3.06 MILES	SSE		ELEV:	0.00		
REMARKS:						CION:				
COMPANY:	The Gator Hole Golf	Cours	COUNTY:	Horry		AQUIFER:			SCWRC:	26GC16G02
CONTACT:		PHONE:	LONGITUDE:	78-40-13		COMP.	DEPTH:	0	USE:	
ADDRESS:	Post Office Box 154		LATITUDE:	33-49-32		DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC	29582	DISTANCE:	3.00 MILES	SSE		ELEV:	0.00		
REMARKS:					LOCAT	CION:				
COMPANY:	The Maritime Corp.,	dba C	COUNTY:	Horry		AQUIFER:			SCWRC:	26GC24G01
CONTACT:		PHONE:						0		
ADDRESS:	P. O. Box 209		LATITUDE:	33-52-28		DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC	29597		3.83 MILES				0.00		
REMARKS:	•				LOCAT	'ION:				
COMPANY:	Cherry Grove Golf Co.	rpora	COUNTY:	Horry		AQUIFER:			scwrc:	26GC25G01
CONTACT:		PHONE:	LONGITUDE:	78-39-03		COMP.	DEPTH:	0	USE:	
	Post Office Box 746		LATITUDE:					0	YIELD:	0
	N. Myrtle Beach, SC	29582	DISTANCE:	2.24 MILES				0.00		
REMARKS:	_				LOCAT					

Page No. 39 Date: 12/16/93

REMARKS:

#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	City of North Myrtle Be		COUNTY:	Horry	i	AQUIFER:			scwrc:	26WS01G01
CONTACT:	PH	ONE:	LONGITUDE:	78-38-41		COMP.	DEPTH:	0	USE:	
ADDRESS:	1015 2nd Avenue South		LATITUDE:	33-50-03		DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 295	82	DISTANCE:	3.33 MILES	ESE		ELEV:	0.00		
REMARKS:					LOCAT	ION:				
COMPANY:	City of North Myrtle Be	ac	COUNTY:	Horry	i	AQUIFER:			scwrc:	26WS01G03
CONTACT:	PHO	ONE:	LONGITUDE:	78-40-11		COMP.	DEPTH:	0	USE:	
ADDRESS:	1015 2nd Avenue South		LATITUDE:	33-50-20		DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 295	82	DISTANCE:	2.17 MILES	SSE		ELEV:	0.00		
REMARKS:					LOCAT	ION:				
COMPANY:	City of North Myrtle Bea	ac	COUNTY:	Horry	i	AQUIFER:			SCWRC:	26WS01G04
CONTACT:	PHO			78-41-06				0	USE:	
ADDRESS:	1015 2nd Avenue South		LATITUDE:	33-49-39		DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 2958	82	DISTANCE:	2.70 MILES	SSE		ELEV:	0.00		
REMARKS:					LOCAT	ION:				
COMPANY:	City of North Myrtle Bea	ac	COUNTY:	Horry	1	AQUIFER:			SCWRC:	26WS01G05
CONTACT:	PHO	ONE:	LONGITUDE:	78-41-54		COMP.	DEPTH:	0	USE:	
ADDRESS:	1015 2nd Avenue South		LATITUDE:	33-49-00		DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 2958	82	DISTANCE:	3.50 MILES	SSW		ELEV:	0.00		
REMARKS:					LOCAT	ION:				
COMPANY:	City of North Myrtle Bea	a.C	COUNTY:	Horry	1	AQUIFER:			scwrc:	26WS01G07
CONTACT:	<del>-</del>	ONE:						0	USE:	
ADDRESS:	1015 2nd Avenue South		LATITUDE:	33-48-55		DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 2958	82	DISTANCE:	3.93 MILES	SSW		ELEV:	0.00		
	÷									

LOCATION:

Page No. 40 Date: 12/16/93

REMARKS:

#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN 4 MILES

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	City of North Myrtle Beac	COUNTY:	Horry	AQUIFER:			SCWRC:	26WS01G09
CONTACT:	PHONE:	LONGITUDE:	78-41-10	COMP.	DEPTH:	0	USE:	
ADDRESS:	1015 2nd Avenue South	LATITUDE:	33-48-59	DRILL	DEPTH:	0	YIELD:	0
	N. Myrtle Beach, SC 29582	DISTANCE:	3.47 MILES	SSE	ELEV:	0.00		
REMARKS:				LOCATION:				
COMPANY:	City of North Myrtle Beac PHONE:	COUNTY:	Horry	AQUIFER:			SCWRC:	26WS01G11
CONTACT:	PHONE:	LONGITUDE:	78-40-23	COMP.	DEPTH:	0	USE:	
ADDRESS:	1015 2nd Avenue South	LATITUDE:	33-49-18	DRILL	DEPTH:	0	YIELD:	
	1015 2nd Avenue South N. Myrtle Beach, SC 29582	DISTANCE:	3.21 MILES	SSE	ELEV:	0.00		
REMARKS:				LOCATION:				
COMPANY:	City of North Myrtle Beac	COUNTY:	Horry	AQUIFER:			SCWRC:	26WS01G12
CONTACT:	PHONE:	LONGITUDE:	78-42-18	COMP.	DEPTH:	0	USE:	
ADDRESS:	1015 2nd Avenue South	LATITUDE:	33-48-34	DRILL	DEPTH:	0	YIELD:	
	N. Myrtle Beach, SC 29582	DISTANCE:	4.07 MILES	SSW	ELEV:	0.00		
REMARKS:				LOCATION:				
COMPANY:	Little River Water & Sewe	COUNTY:	Horry	AQUIFER:			SCWRC:	26WS06G01
CONTACT:		LONGITUDE:	78-39-25	COMP.	DEPTH:	0	USE:	
ADDRESS:	Post Office Box 68	LATITUDE:	33-52-47	DRILL	DEPTH:		YIELD:	0
	Little River, SC 29566	DISTANCE:	1.98 MILES	ENE	ELEV:	0.00		
REMARKS:				LOCATION:				
COMPANY:	Little River Water & Sewe	COUNTY:	Horry	AQUIFER:			SCWRC:	26WS06G02
CONTACT:							USE:	
ADDRESS:	Post Office Box 68						YIELD:	0
	Little River, SC 29566					0.00		
	•							

LOCATION:

Page No. 41 Date: 12/16/93

REMARKS:

#### S.C. DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL

#### BUREAU OF SOLID & HAZARDOUS WASTE

SITE BEING EVALUATED OLD CHERRY GROVE LANDFILL, 335200.0 LATITUDE 784115.0 LONGITUDE

THE GROUNDWATER SUPPLIES FOUND WITHIN

4 MILES

LOCATION:

THIS REPORT IS BASED UPON DATA PROVIDED BY THE S.C. WATER RESOURCES COMMISSION (02/92).

COMPANY:	Little River Water &	Sewe	COUNTY:	Horry	AQUIFER:			SCWRC:	26WS06G03
CONTACT:		PHONE:	LONGITUDE:	78-39-38	COMP.	DEPTH:	0	USE:	
ADDRESS:	Post Office Box 68		LATITUDE:	33-51-56	DRILL	DEPTH:	0	YIELD:	0
	Little River, SC 295	666	DISTANCE:	1.56 MILES E	SE	ELEV:	0.00		
REMARKS:					LOCATION:				
COMPANY:	Little River Water &	Sewe	COUNTY:	Horry	AQUIFER:			scwrc:	26WS06G04
CONTACT:		PHONE:	LONGITUDE:	78-41-59	COMP.	DEPTH:	0	USE:	
ADDRESS:	Post Office Box 68		LATITUDE:	33-54-08	DRILL	DEPTH:	0	YIELD:	0
	Little River, SC 295	666	DISTANCE:	2.55 MILES N	NW	ELEV:	0.00		
REMARKS:					LOCATION:				
COMPANY:	Little River Water &	Sewe	COUNTY:	Horry	AQUIFER:			SCWRC:	26WS06G05
CONTACT:		PHONE:	LONGITUDE:	78-41-59	COMP.	DEPTH:	0	USE:	
ADDRESS:	Post Office Box 68		LATITUDE:	33-54-08	DRILL	DEPTH:	0	YIELD:	0
	Little River, SC 295	66	DISTANCE:	2.55 MILES N	NW	ELEV:	0.00		
REMARKS:				:	LOCATION:				
COMPANY:	Grand Strand Water &	Sewe	COUNTY:	Horry	AQUIFER:			scwrc:	26WS09G01
CONTACT:		PHONE:	LONGITUDE:	78-44-17	COMP.	DEPTH:	0	USE:	
ADDRESS:	Post Office Box 1537		LATITUDE:	33-51-23	DRILL	DEPTH:	0	YIELD:	0
	Conway, SC 29526		DISTANCE:	3.00 MILES W	SW	ELEV:	0.00		

## SITE DISCOVERY FORM

# RECEIVED

NOV 7 1990

S. C. Dept. of Health & Environmental Control-Bureau of Solid & Hazardous Waste Management

ACTION: A
EPA ID: SOURCE: (R=EPA, T=STATE)
SITE NAME: DID_CHEZRY_620VE_LANDFI
<u>LL_(CRE_LANDFILL)(40 chr. max.)</u>
LOC. ADDRESS: NO rtf_UEST_OF_NIXONS_C
RossRoADs (40 chr. max.)
CITY NAME: LI + + LE _ PI VE R
(25 chr. max.) ZIP CODE:
COUNTY: H O R R Y (15 chr. max.)
COUNTY CODE: (optional) CONG DIST: (optional)
LATITUDE: 33°/51'/52". Z LONGITUDE: 78'/41'/06'.6
SITE DESCRIPTION: UNPEZMITTED ODEM DUM
P
,
(160 chr. max.)
DISTRICT NAME: $U A C C A M A W (10 chr. max.)$
SITE DISCOVERY DATE: 10/29/90
REPORTED BY: Von Keisler
REASON FOR LISTING: Facility in operation before solid weste regulations
Worte deposited in Landfill is unknown and undocumented.
· · · · · · · · · · · · · · · · · · ·
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## MEMORANDUM

TO:

File

FROM:

Richard Bonds

Site Engineering Section

RE:

CRE Landfill Meeting

Room 405 Sims

1:00 PM

Tuesday, November 13, 1990

#### **MEETING PARTICIPANTS:**

#### SCDHEC:

Superfund Section:

Keith Lindler Richard Bonds

Enforcement:

Renee Shealy

Solid Waste Permitting:

Dewey Pearson April Grunsky

Hydrogeology:

Mike Muthig Van Keisler

Harry Mathis

#### CRE Group:

Bob Whelen, Gilford Mills

Barry Nelson, Engineering Tectonics

Fred Nubey, Attorney representing CRE investment group Charles Dameron, Representative of CRE investment group

CRE requested a meeting to discuss status of landfill. Engineering Tectonics, under contract from CRE investment group, performed a limited hydrogeological investigation at the CRE landfill and also submitted a closure and post closure plan to the Solid Waste Permitting Section. Because the landfill is unpermitted, it has been placed on the State CERCLIS list. CRE was informed of this in the meeting. were also informed that they must sign an administrative consent order before the Department (DHEC) will take any further action. Keith Lindler and Mike Muthig explained to CRE that this is a normal departmental procedure for nonpermitted sites. CRE stated that they felt DHEC had no regulatory authority over this landfill. Mike Muthig stated that the Department does have the right to place the CRE landfill on CERCLIS because of the uncertainty of wastes disposed of in unpermitted landfills.

To: April Gruntsky From: Barry Nelson

RECE

OCT 2 9 1990 S. C. DEPT. OF T ENVIRONMENT Bureau of So. IC Waste Mana

Please glue these revised paragraphs into the CRE Land KII Closure Plan. Thanks

#### **OPERATIONAL HISTORY**

The exact dates of usage cannot be precisely determined due to the fact that 1) the incorporation of the individual towns along the Grand Strand into the City of North Myrtle Beach has resulted in incomplete records of individual municipal services by the towns prior to incorporation; 2) no documentation of a lease or agreement is on file at International Paper due to a records purge in 1981, and; 3) no state permits were required of landfills prior to 1972. The primary evidence for the four year operation is based on the fact that International Paper had numerous agreements across the nation for similar projects and that these normally were for a period of four years. This formation was substantiated by Mr. Ollie Fick of International Paper's Atlanta, Georgia Office.

RECEIVED

OCT 29 1990

S. C. Dept. of Meatin & Environmental Control-Bureau of Solid & Hazardous Waste Management



Site Screening Section
Bureau of Solid & Hazardous Waste Management

## **RECORD OF COMMUNICATION**

X Phone Call	
Discussion	
Site Visit	
Conference	
Other (Specify)	
TO: Old Cherry Grove Landfill file	FROM: Greg George
DATE: December 21, 1993	TIME: 3:30pm
SUBJECT: Conversation with Van Keisler co	oncerning the site.
SUMMARY	

Van informed me that the Closure plan was completed by the Owners. The owners requested approval of the plan and SCDHEC would not approve without a consent order. The site was referred to CERCLA and put on the inactive file in Permitting. No work has since been done on the site.

(Cherry Frank (19) Renee Shealy Notes Elevernational Paper cured power (RE-Investments -418 acres 195 1986 - bought supporting large hast Horry Co.)
last year good course round 2/7 acre site - san 1960's Closed plier 72 // mon wells installed Denistic + Communical waste " the groups proposing to perphase (in 1 + develop -

Silviants

WC

Billia

Billia

Libilizat

Litars

- ipprose Cap Coment agrees and.

submit plan Eddingering Vans memo.

develop assess

where wills one - what sampling per.

what shows up in sampling.

- you rem. or further invest

May require coming three Cap.

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OMB Approval Number: 2050-0095 Approved for Use Through: 4/95



Site Name: Old Cherry Grove Landfill

CERCLIS ID No.: SCD987597432 Street Address: HWY 9 & 90

City/State/Zip: Little River, SC 29566

Investigator: Greg George

Agency/Organization: SCDHEC

Street Address: 2600 Bull Street City/State: Columbia, SC

Date: 12/01/1993

Page: 1

#### WASTE CHARACTERISTICS

Waste Characteristics (WC) Calculations:

1 Landfill

Pile

WQ value maximum

Volume

2.75E+05 cu yds

1.10E+05 1.10E+05

Page: 2

Ground Water Pathway Criteria List Suspected Release	
Are sources poorly contained? (y/n/u)	Y
Is the source a type likely to contribute to ground water contamination (e.g., wet lagoon)? (y/n/u)	N
Is waste quantity particularly large? (y/n/u)	N
Is precipitation heavy? (y/n/u)	Y
Is the infiltration rate high? (y/n/u)	Y
Is the site located in an area of karst terrain? (y/n)	N
Is the subsurface highly permeable or conductive? (y/n/u)	บ
Is drinking water drawn from a shallow aquifer? (y/n/u)	Y
Are suspected contaminants highly mobile in ground water? $(y/n/u)$	บ
Does analytical or circumstantial evidence suggest ground water contamination? (y/n/u)	Y
Other criteria? (y/n) N	
SUSPECTED RELEASE? (y/n)	Y

Summarize the rationale for Suspected Release:

Ground Water Pathway Criteria List Primary Targets	
Is any drinking water well nearby? (y/n/u)	Y
Has any nearby drinking water well been closed? (y/n/u)	N
Has any nearby drinking water well user reported foul-testing or foul-smelling water? (y/n/u)	N
Does any nearby well have a large drawdown/high production rate? (y/n/u)	บ
Is any drinking water well located between the site and other wells that are suspected to be exposed to a hazardous substance? (y/n/u)	N
Does analytical or circumstantial evidence suggest contamination at a drinking water well? (y/n/u)	N
Does any drinking water well warrant sampling? (y/n/u)	Y
Other criteria? (y/n) N	
PRIMARY TARGET(S) IDENTIFIED? (y/n)	N
Summarize the rationale for Primary Targets:	

Page: 4

#### GROUND WATER PATHWAY SCORESHEETS

Pathway Characteristics							
Do you suspect a release? (y/n) Yes							
Is the site located in karst terrain? (y/n) No							
Depth to aquifer (feet):		5					
Distance to the nearest drinking	Distance to the nearest drinking water well (feet): 500						
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	Refei	rences			
1. SUSPECTED RELEASE	550						
2. NO SUSPECTED RELEASE 0							
LR =	550	0		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Targets				<del> </del>			

TARGETS	Suspected Release	No Suspected Release	References
3. PRIMARY TARGET POPULATION 0 person(s)	0		
4. SECONDARY TARGET POPULATION Are any wells part of a blended system? (y/n) N	0	0	
5. NEAREST WELL	0	0	
6. WELLHEAD PROTECTION AREA None within 4 Miles	0	0	
7. RESOURCES	5	0	
T =	5	0	

WASTE CHARACTERISTICS	WC =	100 0		
GROUND WATER PATHWAY SCORE:		3	3	

Page: 5

Ground Water Target Populations

Primary Target Population Drinking Water Well ID	Dist. (miles)	Population Served	Reference	Value
None				
*** Note: Maximum of 5 Wells Are Printed *** Total				

Secondary Target Population Distance Categories	Population Served	Reference	Value
0 to 1/4 mile	0		0
Greater than 1/4 to 1/2 mile	0		О
Greater than 1/2 to 1 mile	0		0
Greater than 1 to 2 miles	0		0
Greater than 2 to 3 miles	0		0
Greater than 3 to 4 miles	0		o
		Total	0

Apportionment	Documentation	for	a	Blended	System
  }					
L					

Surface Water Pathway Criteria List Suspected Release	
Is surface water nearby? (y/n/u)	Y
Is waste quantity particularly large? (y/n/u)	U
Is the drainage area large? (y/n/u)	N
Is rainfall heavy? (y/n/u)	Y
Is the infiltration rate low? (y/n/u)	N
Are sources poorly contained or prone to runoff or flooding? $(y/n/u)$	Y
Is a runoff route well defined(e.g.ditch/channel to surf.water)? (y/n/u)	Y
Is vegetation stressed along the probable runoff path? $(y/n/u)$	U
Are sediments or water unnaturally discolored? (y/n/u)	U
Is wildlife unnaturally absent? (y/n/u)	U
Has deposition of waste into surface water been observed? $(y/n/u)$	Y
Is ground water discharge to surface water likely? (y/n/u)	Y
Does analytical/circumstantial evidence suggest S.W. contam? (y/n/u)	N
Other criteria? (y/n) N	
SUSPECTED RELEASE? (y/n)	Y
Summarize the rationale for Suspected Release:	

Surface Water Pathway Criteria List Primary Targets	
Is any target nearby? (y/n/u) If yes: Drinking water intake Y Fishery Y Sensitive environment	Y
Has any intake, fishery, or recreational area been closed? (y/n/u)	N
Does analytical or circumstantial evidence suggest surface water contamination at or downstream of a target? (y/n/u)	N
Does any target warrant sampling? (y/n/u) If yes: Drinking water intake Y Fishery Y Sensitive environment	Y
Other criteria? (y/n) N	
PRIMARY INTAKE(S) IDENTIFIED? (y/n)  Summarize the rationale for Primary Intakes:	
continued	

continued	
Other criteria? (y/n)	N
	PRIMARY FISHERY (IES) IDENTIFIED? (y/n) N
Summarize the rationale for	Primary Fisheries:
1	
Other criteria? (y/n)	N
	NSITIVE ENVIRONMENT(S) IDENTIFIED? (y/n)
	Primary Sensitive Environments:
Summarize the rationale for	Primary sensitive environments.
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#### SURFACE WATER PATHWAY SCORESHEETS

Pathway Characteristics				Ref.			
Do you suspect a release? (y/n)	Do you suspect a release? (y/n) Yes						
Distance to surface water (feet	=):	25	500				
Flood frequency (years):		1.	-10				
What is the downstream distance (miles) to:  a. the nearest drinking water intake?  b. the nearest fishery?  c. the nearest sensitive environment?  0.1							
LIKELIHOOD OF RELEASE	Suspected No Suspected LIKELIHOOD OF RELEASE Release Release Refer						
1. SUSPECTED RELEASE 550							
2. NO SUSPECTED RELEASE 0							
LR = 550 0							

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Drinking Water Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
3. Determine the water body type, flow (if applicable), and number of people served by each drinking water intake.			
4. PRIMARY TARGET POPULATION 0 person(s)	0		
5. SECONDARY TARGET POPULATION Are any intakes part of a blended system? (y/n): N	0	0	
6. NEAREST INTAKE	0	0	
7. RESOURCES	5	0	
Т =	5	0	

### Drinking Water Threat Target Populations

Intake Name	Primary (y/n)	Water Body	Type/Flow	Population Served	Ref.	Value
None						
						<u></u>
***		······································				<u> </u>

Total Primary Target Population Value
Total Secondary Target Population Value
\*\*\* Note: Maximum of 6 Intakes Are Printed \*\*\*

Apportionment	Documentation	for a	Blended	System
L				

Page: 13

#### Human Food Chain Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
8. Determine the water body type and flow for each fishery within the target limit.			
9. PRIMARY FISHERIES	0		
10. SECONDARY FISHERIES	210	0	
T =	210	0	

#### Human Food Chain Threat Targets

Fishery Name	Primary (y/n)	Water Body Type/Flow	Ref.	Value
1 Waccamaw River	N	>1000-10000 cfs		12
	Total Total	Primary Fisheries Values Secondary Fisheries Va	le alue	0 210

\*\*\* Note: Maximum of 6 Fisheries Are Printed \*\*\*

#### Environmental Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
11. Determine the water body type and flow (if applicable) for each sensitive environment.			
12. PRIMARY SENSITIVE ENVIRONMENTS	0		
13. SECONDARY SENSITIVE ENVIRONS.	150	0	
T =	150	0	

### Environmental Threat Targets

Sensitive Environment Name	Primary (y/n)	Water Body Type/Flow	Ref.	Value
1 Unnamed Wetlands	N	<10 cfs		150
2 Waccamaw Wetlands	N	>1000-10000 cfs		0
				· · · · · · · · · · · · · · · · · · ·

Total Primary Sensitive Environments Value
Total Secondary Sensitive Environments Value
\*\*\* Note: Maximum of 6 Sensitive Environments Are Printed \*\*\*

0 150

Surface Water Pathway Threat Scores

Threat	Likelihood of Release(LR) Score	Targets(T) Score	Pathway Waste Characteristics (WC) Score	Threat Score LR x T x WC / 82,500
Drinking Water	550	5	100	3
Human Food Chain	550	210	100	100
Environmental	550	150	100	60

SURFACE WATER PATHWAY SCORE:

 	W. 194 - 194 - 19	 _	=
10	0		

Soil Exposure Pathway Criteria List Resident Population	
Is any residence, school, or daycare facility on or within 200 feet of an area of suspected contamination? (y/n/u)	N
Is any residence, school, or daycare facility located on adjacent land previously owned or leased by the site owner/operator? (y/n/u)	U
Is there a migration route that might spread hazardous substances near residences, schools, or daycare facilities? (y/n/u)	N
Have onsite or adjacent residents or students reported adverse health effects, exclusive of apparent drinking water or air contamination problems? (y/n/u)	N
Does any neighboring property warrant sampling? (y/n/u)	U
Other criteria? (y/n) N	
RESIDENT POPULATION IDENTIFIED? (y/n)	N
Summarize the rationale for Resident Population:	
•	

Page: 17

old ondily old	- Dunalli	., 50, 55		
SOIL EXPOSURE PATE	HWAY SCORESHEET	rs		
Pathway Characteristics				Ref.
Do any people live on or within of areas of suspected contamin			No	
Do any people attend school or of areas of suspected contamin		vithin 200 ft	No	
Is the facility active? (y/n):			No	
LIKELIHOOD OF EXPOSURE	Suspected Contamination	References		
1. SUSPECTED CONTAMINATION LE =	550			
argets				
<pre>2. RESIDENT POPULATION      0 resident(s)      0 school/daycare student(s)</pre>	0			
3. RESIDENT INDIVIDUAL	o			
4. WORKERS None	0			
5. TERRES. SENSITIVE ENVIRONMENTS	25			

6. RESOURCES 5 T = 30

WASTE CHARACTERISTICS

WC = 100

RESIDENT POPULATION THREAT SCORE:

20

NEARBY POPULATION THREAT SCORE:

1

Population Within 1 Mile: 1 - 10,000

SOIL EXPOSURE PATHWAY SCORE:

21

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### Soil Exposure Pathway Terrestrial Sensitive Environments

Terrestrial Sensitive Environment Name	Reference	Value
1 Wetlands		25
Total Terrestrial Sensitive Environments Value  *** Note: Maximum of 7 Sensitive Environments Are Printed ***		25

Old Cherry Grove Landfill - 12/30/93	
Air Pathway Criteria List Suspected Release	
Are odors currently reported? (y/n/u)	N
Has release of a hazardous substance to the air been directly observed? $(y/n/u)$	N
Are there reports of adverse health effects (e.g., headaches, nausea, dizziness) potentially resulting from migration of hazardous substances through the air? (y/n/u)	N
Does analytical/circumstantial evidence suggest release to air? (y/n/u)	N
Other criteria? (y/n) N	
SUSPECTED RELEASE? (y/n)	N
Summarize the rationale for Suspected Release:	

#### Page: 20

#### AIR PATHWAY SCORESHEETS

athway Characteristics				Ref.
Do you suspect a release? (y/n	No		***************************************	
Distance to the nearest indivi	dual (feet):	50	500	
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	Refe	rences
1. SUSPECTED RELEASE	0			
2. NO SUSPECTED RELEASE		500		
LR =	0	500		
argets				
TARGETS	Suspected Release	No Suspected Release	Refe	rences
3. PRIMARY TARGET POPULATION 0 person(s)	0			
4. SECONDARY TARGET POPULATION	0	6		
5. NEAREST INDIVIDUAL	0	20		

WASTE CHARACTERISTICS

8. RESOURCES

6. PRIMARY SENSITIVE ENVIRONS.

7. SECONDARY SENSITIVE ENVIRONS.

WC = 0 100

0

0

0

0

T =

AIR PATHWAY SCORE:

21

3

5

34

Page: 21

Air Pathway Secondary Target Populations

Distance Categories	Population	References	Value
Onsite	0		0
Greater than 0 to 1/4 mile	24		1
Greater than 1/4 to 1/2 mile	118		1
Greater than 1/2 to 1 mile	540		1
Greater than 1 to 2 miles	1962		1
Greater than 2 to 3 miles	3684		1
Greater than 3 to 4 miles	5683		1
Total Secondary Population Value			6

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Air Pathway Primary Sensitive Environments

Sensitive Environment Name	Reference	Value
None		

Total Primary Sensitive Environments Value
\*\*\* Note: Maximum of 7 Sensitive Environments Are Printed\*\*\*

Air Pathway Secondary Sensitive Environments

Sensitive Environment Name	Distance	Reference	Value
l Wetlands	onsite		2.5
2 Wetlands	0 - 1/4		0.6
3 Wetlands	>1/4-1/2		0.1

Total Secondary Sensitive Environments Value

SITE SCORE CALCULATION	SCORE
GROUND WATER PATHWAY SCORE:	3
SURFACE WATER PATHWAY SCORE:	100
SOIL EXPOSURE PATHWAY SCORE:	21
AIR PATHWAY SCORE:	21
SITE SCORE:	52

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#### SU

If yes, explain:

UMM	ARY	
1.	Is there a high possibility of a threat to any nearby drinking water well(s) by migration of a hazardous substance in ground water?	r No
	If yes, identify the well(s).	
	If yes, how many people are served by the threatened well(s)? 0	
2.	Is there a high possibility of a threat to any of the following by hazardous substance migration in surface water?  A. Drinking water intake B. Fishery	No No
	C. Sensitive environment (wetland, critical habitat, others)	No
	If yes, identity the target(s).	
3.	Is there a high possibility of an area of surficial contamination within 200 feet of any residence, school, or daycare facility?	No
	If yes, identify the properties and estimate the associated populat	ion(s)
4.	Are there public health concerns at this site that are not addressed by PA scoring considerations?	No

Page: 1

OMB Approval Number: 2050-0095 Approved for Use Through: 4/95

				<del></del>				
POTENTIAL HA		IDENTIFICATION						
		State: SC		CLIS N				
WASTE SITE						sc	D98759	7432
PRELIMINARY	ASSESSMENT	FORM			CERCLIS	Disc 10/29		Date:
1. General Site Inf	ormation							
Name: Old Cherry Grove I	andfill		No.	Addr	ess:			
City: Little River		State: SC	Zip Code: 29566		County Horry	7:	Co. Code: 26	Cong. Dist:
Latitude: Longi 33° 51' 56.1" 78°			Area of Site: Status of Site: 0520 sq feet Inactive					
2. Owner/Operator 1	nformation							
Owner: CRE Investment (co	ontact: Gui	lford)	Operator: International Paper					
Street Address: P.O. Box U-4			Street Address: Hwy 17					
City: Greensboro			City: George	etown				
State: Zip Code: 27402		Telephone: (919)292-7550		Zip 2944	Cip Code:		Telephone:	
Type of Ownership: Private					y Identi Program			

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POTENTIAL HAZARDOUS				IDENTIFICATION			
WASTE SITE				State: SC	CERCLIS SCD9875		
PRELIMINARY ASSESSMENT FORM				Discovery 10/29/1990			
3. Site Evaluator Inf	ormation						
Name of Evaluator: Agency/ Greg George SCDHEO			/Organization: C			Date Prepared: 12/01/1993	
Street Address: 2600 Bull Street			City: Columbia				State: SC
Name of EPA or State Agency Contact: Earl Bozeman			Telephone: (404)347-5065				
Street Address: 345 Courtland ST. NI	Street Address: 345 Courtland ST. NE			ty: tlanta			State: GA
4. Site Disposition	for EPA u	use only)					
Emergency Response/Removal Assessment	CERCLIS Recommen		CT	Signatu	re:		
Recommendation: No	Higher Priority		21	Name:			
Date:	Date:			Position	n:		
				<u> </u>			

Page: 3

			ID	ENTIFICATION
POTENTIAL HAZARDOUS WASTE SITE			State: SC	CERCLIS Number: SCD987597432
PRELIMINARY ASSESSMENT	FORM			Discovery Date: 10/29/1990
5. General Site Characteristic	s			
Predominant Land Uses Within 1 Mile of Site: Commercial Residential Forest/Fields Agricultural	Site Setting: Urban	Bo Ei	rs of Ope eginning nding Yea Unknown	Year: 1960 r: 1972
Type of Site Operations: Municipal Landfill	-		e Generat Offsite	ed:
			e Deposit Unknown	ion Authorized
			e Accessi Yes	ble to the Public
		Scho	ance to N ol, or Wo 500 Fee	
6. Waste Characteristics Info	cmation			
	Tier Gene cu yds V Mu		pes of Wa l Waste	ste:
Tier Legend C = Constituent W = Wastest V = Volume A = Area	So	ical S	tate of W	aste as Deposited

Page: 4

DOMENMENT AT HAZADDO	IDI	IDENTIFICATION		
POTENTIAL HAZARDO WASTE SITE	State: CERCLIS Number SC SCD987597432			
PRELIMINARY ASSES		Discovery 10/29/1990	Date:	
7. Ground Water Pathway				
Is Ground Water Used for Drinking Water Within 4 Miles: No	Is There a Suspected Release to Ground Water: Yes	Population	ondary Tar on Served ater Withd	by
Type of Ground Water Wells Within 4 Miles: Municipal Private	Have Primary Target Drinking Water Wells Been Identified: No	0 - 1, >1/4 - 1, >1/2 - 1		0 0 0
Depth to Shallowest Aquifer: 5 Feet  Karst Terrain/Aquifer Present: No	Nearest Designated Wellhead Protection Area: None within 4 Miles	>2 - 3	Miles Miles Miles	0 0 0

Page: 5

IDENTIFICATION POTENTIAL HAZARDOUS State: CERCLIS Number: SCD987597432 WASTE SITE SC PRELIMINARY ASSESSMENT FORM CERCLIS Discovery Date: 10/29/1990 Part 1 of 4 8. Surface Water Pathway Type of Surface Water Draining Shortest Overland Distance From Any Site and 15 Miles Downstream: Source to Surface Water: Stream River 2500 Feet 0.5 Miles Is there a Suspected Release to Site is Located in: Annual - 10 yr floodplain Surface Water: 8. Surface Water Pathway Part 2 of 4

Drinking Water Intakes Along the Surface Water Migration Path: No

Have Primary Target Drinking Water Intakes Been Identified: No

Secondary Target Drinking Water Intakes:
None

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POTENTIAL HAZARDOUS

WASTE SITE

PRELIMINARY ASSESSMENT FORM

**IDENTIFICATION** 

State: SC CERCLIS Number: SCD987597432

CERCLIS Discovery Date:

10/29/1990

8. Surface Water Pathway

Part 3 of 4

Fisheries Located Along the Surface Water Migration Path: Yes

Have Primary Target Fisheries Been Identified: No

Secondary Target Fisheries:

Fishery Name

Water Body Type/Flow(cfs)

Waccamaw River

large stream/river/ >1000-10000

#### 8. Surface Water Pathway

Part 4 of 4

Wetlands Located Along the Surface Water Migration Path? (y/n) Yes

Have Primary Target Wetlands Been Identified? (y/n) No

Secondary Target Wetlands:

Water Body/Flow(cfs)

Frontage(mi)

minimal stream/ <10

>4 to 8

large stream/river/ >1000-10000

>20

Other Sensitive Environments Along the Surface Water Migration Path: No

Have Primary Target Sensitive Environments Been Identified: No

Secondary Target Sensitive Environments:

None

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POTENTIAL HAZARDOUS

WASTE SITE

PRELIMINARY ASSESSMENT FORM

**IDENTIFICATION** 

State: SC CERCLIS Number: SCD987597432

CERCLIS Discovery Date:

10/29/1990

#### 9. Soil Exposure Pathway

Are People Occupying Residences or Attending School or Daycare on or Within 200 Feet of Areas of Known or Suspected Contamination: No

Number of Workers Onsite:

None

Have Terrestrial Sensitive Environments Been Identified on or Within 200 Feet of Areas of Known or Suspected Contamination: Yes

Terrestrial Sensitive Environments:

Small areas important for maintenance of biotic communities

#### 10. Air Pathway

Total Population on or Onsite	Within:	Is There a Suspected Release to Air:	No
0 - 1/4 Mile >1/4 - 1/2 Mile >1/2 - 1 Mile	24 118 540	Wetlands Located Within 4 Miles of the Site:	Yes
>1 - 2 Miles >2 - 3 Miles >3 - 4 Miles Total	1962 3684 5683 12011	Other Sensitive Environments Located Within 4 Miles of the Site:	No

Sensitive Environments Within 1/2 Mile of the Site:

Distance Sensitive Environment Type/Wetlands Area(acres)

Onsite Wetlands (1 to 50 acres) 0 - 1/4 Wetlands (1 to 50 acres)

>1/4 - 1/2 Wetlands (1 to 50 acres)

SITE OLD CHERRY G PROJECT # 84 0601	ROVE	LANDITE	ξ,	STATE SC			OFTEN CARR 08/22/94
SOFLYOA ROOKUD		DATA	RECEIVED	10/17/94	FOR	\$	SAMPLES
H20V0A 300KED	1)	DATA	RECEIVED	· / / /	1,016		SAMPLES
SOTHINT BOOKED	:	$\mathcal{D}A\mathcal{T}A$	RECEIVED	10/17/94	7'07	Ç.	SAMPLES
920EXT 800KED	()	$D\Lambda T\Lambda$	RECEIVED	/ /	FOR		SAMPLES
SOILPEST BOOKED		DATA	RECEIVED	10/17/94	FOR	Ş	SAMPLES
H20PEST ROOKED	1)	DATA	RECEIVED		202		SAMPLES
SOILMET BOOKED	<del>.</del>	DATA	RECEIVED	10/17/94	FOR	C	SAMPLES
HOMET BOOKED	t)	DATA	RECEIVED		rog		SAMPLES
SOILCN BOOKED	es i	DATA	RECEI VED	10/17/94	TOTAL	S	SAMPLES
H20CN 300KED	**	DATA	RECEIVED		FOR		SAMPLES
SOLLOTHI BOOKED	0	DATA	RECEIVED	7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -	rog		SAMPLES
SOILOTME BOOKED	r)	DATA	RECEI VED	/ /	ron		SAMPLES
нгоотил воокро	(1	DATA	RECEIVED	1.00	non		SAMPLES
U200TH2 BOOKES	Ú	DATA	RECEIVED		ron		SAMPLES
OTHER, BOOKED	Q.	DATA	REGETVED		FOR		SAMPLES
OTHERT ROOKED	ĹI	DATA	RECEIVED	1 1	ron		SAMPLES
LAB(CLP/ESD/FASP/	QTM)	CLP					

REMARES

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Region IV Environmental Services Division College Station Road, Athens, Ga. 30613

\*\*\*\*MEMORANDUM\*\*\*\*\*

DATE: 10/08/94

SUBJECT: Results of Purgeable Organic Analysis;

94-0604 OLD CHERRY GROVE LF

NIXON CRGS SC CASE NO: 22582

FROM: Charles H. Hooper

Chief, Laboratory Evaluation/Quality Assurance Section

TO: JOHN CRISWELL

Attached are the results of analysis of samples collected as part of the subject project.

As a result of the Quality Assurance Review, certain data qualifiers may have been placed on the data. Attached is a DATA QUALIFIER REFORT which explains the reasons that these qualifiers were required.

If you have any questions please contact me.

ATTACHMENT

## ORGANIC DATA QUALIFIER REPORT

Case Number 22582 Project Number 94-0604 SAS Number Site ID. Old Cherry Grove LF, Nixon Cros, SC

1,1,2,2-tetrachloroethane J low internal standard recovery toluene J low internal standard recovery chlorobenzene J low internal standard recovery ethylbenzene J low internal standard recovery styrene J low internal standard recovery	Affected Samples	Compound or Fraction	Flag <u>Use</u> c	
tetrachloroethene   J   low internal standard recovery   toluene   J   low internal standard recovery   toluene   J   low internal standard recovery   toluene   J   low internal standard recovery   toluene   J   low internal standard recovery   toluene   J   low internal standard recovery   toluene   J   low internal standard recovery   toluene   J   low internal standard recovery   toluene   J   low internal standard recovery   toluene   J   low internal standard recovery   toluene   J   low internal standard recovery   toluene   J   low internal standard recovery   toluene   J   low internal standard recovery   toluene   J   low internal standard recovery   low internal standard r	<u>Volatiles</u>			
saryse    Carbon tetrachloride		tetrachloroethene 1,1,2,2-tetrachloroethau toluene chlorobenzene ethylbenzene styrene xylene	J ne J J J J J	low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery
Extractables  88792,88794, di-n-octylphthalate J low internal standard recovery benzo(b/k)fluoranthene J low internal standard recovery benzo(a)pyrene J low internal standard recovery indeno(1,2,3-cd)pyrene J low internal standard recovery dibenz(a,h)anthracene J low internal standard recovery benzo(g,h,i)perylene J low internal standard recovery low internal standard recovery benzo(g,h,i)perylene J comparison limit  88794 fluoranthene J comparison limit  88795 phenanthrene J comparison limit  88796 quantitation limit		carbon tetrachloride bromodichloromethane 1,2-dichloropropane trans-1,3-dichloroproper trichloroethene dibromochloromethane 1,1,2-trichloroethane benzene cis-1,3-dichloropropene bromoform 2-hexanone 4-methyl-2-pentanone tetrachloroethene 1,1,2,2-tetrachloroethant toluene chlorobenzene ethylbenzene styrene	] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ]	low internal standard recovery low internal standard recovery
88792,88794, 88795,88796  di-n-octylphthalate J low internal standard recovery benzo(b/k)fluoranthene J low internal standard recovery low internal standard recovery dibenzo(a)pyrene J low internal standard recovery dibenzo(a,h)anthracene J low internal standard recovery benzo(g,h,i)perylene J low internal standard recovery low internal standard recovery fluoranthene J < quantitation limit  88795  phenanthrene J < quantitation limit < quantitation limit		acetone	N	common lab contaminant
88795,88796  benzo(b/k)fluoranthene J low internal standard recovery benzo(a)pyrene indeno(1,2,3-cd)pyrene J low internal standard recovery dibenz(a,h)anthracene J low internal standard recovery benzo(g,h,i)perylene J low internal standard recovery low internal standard recovery  88794  fluoranthene J < quantitation limit  phenanthrene J < quantitation limit  fluoranthene J < quantitation limit	Extractables			
88795 phenanthrene J < quantitation limit fluoranthene J < quantitation limit	88792,88794, 88795,88796	benzo(b/k)fluoranthene benzo(a)pyrene indeno(1,2,3-cd)pyrene dibenz(a,h)anthracene	J J J	low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery
fluoranthene J < quantitation limit	88794	fluoranthene	J	< quantitation limit
	88795 ´	fluoranthene	J	< quantitation limit

### <u>Pesticides</u>

None

```
PURGEABLE ORGANICS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88789 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF
                                                            PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1130 STOP: 00/00/00
* *
    STATION ID: 001-SS
* *
* *
                                                                                                                * *
   CASE NO.: 22582
                                        SAS NO.:
                                                             D. NO.: JAO2
                                                                                                               * *
UG/KG ANALYTICAL RESULTS
                                                            UG/KG ANALYTICAL RESULTS
                                                             11U 1,2-DICHLOROPROPANE
11U CIS-1.3-DICHLOROPROPENE
    11U CHLOROMETHANE
    11U BROMOMETHANE
11U VINYL CHLORIDE
                                                             11U TRICHLOROETHENE (TRICHLOROETHYLENE)
                                                             110 DIBROMOCHLOROMETHANE
    11U CHLOROETHANE
     60 METHYLENE CHLORIDE
                                                             11U 1.1.2-TRICHLOROETHANE
    11U ACETONE
                                                             11U BĚNŽENE
                                                             11U TRANS-1.3-DICHLOROPROPENE
        CARBON DISULFIDE
    11U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
                                                             11U BROMOFORM
    11U 1,1-DICHLOROETHANE
                                                             11UJ
                                                                 METHYL ISOBUTYL KETONE
    11U 1,2-DICHLOROETHENE (TOTAL)
                                                             1103
                                                                 METHYL BUTYL KETONE
                                                                  TETRACHLOROETHENE (TETRACHLOROETHYLENE)
    110
        CHLOROFORM
                                                             11UJ
                                                                 1.1.2.2-TETRACHLOROETHANE
TOLUENE
    11U
        1.2-DICHLOROETHANE
                                                             11UJ
    110
        METHYL ETHYL KETONE
                                                             11UJ
    110
        1,1,1-TRICHLOROETHANE
                                                             1103
                                                                 CHLOROBENZENE
    11U CARBON TETRACHLORIDE
                                                             1103
                                                                 ETHYL BENZENE
                                                             11UJ STYRENE
        BROMODICHLOROMETHANE
                                                             11UJ TOTAL XYLENES
                                                              12 PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\* \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

PURGEABLE ORGANICS DATA REP		ON IV LSD, ATTIENS, GA.	10/07/94
*** * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	IL PROG ELEM: NSF COLLECTED E	ST: SC **
** CASE NO.: 22582	SAS NO.:	D. NO.: JAO3	* * * * * * * * * * * * * * * * * * * *
UG/KG ANA	ALYTICAL RESULTS		AL RESULTS
12U CHLOROMETHANE 12U BROMOMETHANE 12U VINYL CHLORIDE 12U CHLOROETHANE 12U METHYLENE CHLORID 12U ACETONE 12U CARBON DISULFIDE 12U 1,1-DICHLOROETHAN 12U 1,2-DICHLOROETHAN 12U 1,2-DICHLOROETHAN 12U CHLOROFORM 12U 1.2-DICHLOROETHAN 12U METHYL ETHYL KETO 12U CARBON TETRACHLOR 12U BROMODICHLOROMETH	NE(1,1-DICHLOROETHYLENE) NE NE (TOTAL) NE THANE RIDE	12U 1.2-DICHLOROPROPANE 12U CIS-1.3-DICHLOROPROPEN 12U TRICHLOROETHENE (TRICHL 12U DIBROMOCHLOROMETHANE 12U 1.1.2-TRICHLOROETHANE 12U BENZENE 12U TRANS-1.3-DICHLOROPROP 12U METHYL ISOBUTYL KETONE 12U METHYL BUTYL KETONE 12U TETRACHLOROETHENE (TETR 12U 1.1.2.2-TETRACHLOROETH 12U TOLUENE 12U CHLOROBENZENE 12U CHLOROBENZENE 12U STYRENE 12U TOTAL XYLENES 14 PERCENT MOISTURE	OROETHYLENE) PENE  RACHLOROETHYLENE)

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

DUDGEA		IV ESD, AIRENS, GA.	10/07/94
PURGEA	3LE ORGANICS DATA REPORT * * * * * * * * * * * * * * * * * * *		
** P	ROJECT NO. 94-0604 SAMPLE NO. 88791 SAMPLE TYPE: SOIL		
	DURCE: OLD CHERRY GROVE LF	CITY: NIXON CROS ST: SC	**
	TATION ID: 003-SS	COLLECTION START: 08/24/94 1207 STOP:	00/00/00 **
**	10. 000 33	SOCIETION STRUCT. SOCIETY STOP.	**
** C	ASE NO.: 22582 SAS NO.:	D. NO.: JA04	**
*** *			* * * * * * * * * * * * *
UG	/KG ANALYTICAL RESULTS	UG/KG ANALYTICAL RESULTS	
		ACH A C DICH COORDONALE	
	2U CHLOROMETHANE	12U 1,2-DICHLOROPROPANE	
	2U BROMOMETHANE	12U CIS-1.3-DICHLOROPROPENE 12U TRICHLOROETHENE(TRICHLOROETHYLENE)	
	2U VINYL CHLORIDE 2U CHLOROETHANE	120 TRICHLOROETHENE (TRICHLOROETHYLENE)	
	20 CHLOROETHANE 20 METHYLENE CHLORIDE	12U 1,1,2-TRICHLOROETHANE	
	2U ACETONE	12U BENZENE	
	ZU CARBON DISULFIDE	12U TRANS-1.3-DICHLOROPROPENE	
	2U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)	12U BROMOFORM	
	20 1,1-DICHLOROETHANE	12U METHYL ISOBUTYL KETONE	
1	2U 1,2-DICHLOROETHENE (TOTAL)	12U METHYL BUTYL KETONE	
	2U CHLOROFORM	12U TETRACHLOROETHENE (TETRACHLOROETHYL	ENE)
	2U 1.2-DICHLOROETHANE	12U 1.1.2.2-TETRACHLOROETHANE	
	2U METHYL ETHYL KETONE	12U TOLUENE	
	2U 1,1,1-TRÍCHLOROETHANE	12U CHLOROBENZENE	
	2U CARBON TETRACHLORIDE 2U BROMODICHLOROMETHANE	12U ETHYL BENZENE 12U STYRENE	
,	2U BROMODICHLOROMETHANE	12U TOTAL XYLENES	
		14 PERCENT MOISTURE	

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\* \*FOURNULES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

DUDO		V ESU, AIMENS, GA.	10/07/94
	BEABLE ORGANICS DATA REPORT		
**	PROJECT NO. 94-0604 SAMPLE NO. 88792 SAMPLE TYPE: SOIL	PROG ELEM: NSF COLLECTED BY: F.M. CARN	
* *	SOURCE: OLD CHERRY GROVE LF	CITY: NIXON CROS ST: SC	**
* *	STATION ID: 004-SS	COLLECTION START: 08/24/94 1222 STOP:	
* *		<del></del>	**
**	CASE NO.: 22582 SAS NO.:	D. NO.: JA05	* * * * * * * * * * * * *
		UG/KG ANALYTICAL RESULTS	* * * * * * * * * * * * * * * * * * * *
	UG/KG ANALYTICAL RESULTS	OUT ANALTITCAE RESULTS	
	12U CHLOROMETHANE	12U 1,2-DICHLOROPROPANE	
	12U BROMOMETHANE	12U CÍS-1,3-DICHLOROPROPENE	
	12U VINYL CHLORIDE	12U TRICHLOROETHENE (TRICHLOROETHYLENE)	
	12U CHLOROETHANE	12U DIBROMOCHLOROMETHANE	
	12U METHYLENE CHLORIDE	12U 1,1,2-TRICHLOROETHANE	
	12U ACETONE 12U CARBON DISULFIDE	12U BENZENE 12U TRANS-1.3-DICHLOROPROPENE	
	12U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)	12U BROMOFORM	
	12U 1,1-DICHLOROETHANE	12UJ METHYL ISOBUTYL KETONE	
	12U 1,2-DICHLOROETHENE (TOTAL)	12UJ METHYL BUTYL KETONE	
	12U CHLOROFORM	12UJ TETRACHLOROETHENE (TETRACHLOROETHYL	ENE)
	12U 1.2-DICHLOROETHANE	12UJ 1.1.2.2-TETRACHLOROETHANE	
	12U METHYL ETHYL KETONE	12UJ TOLUENE	
	12U 1,1,1-TRICHLOROETHANE 12U CARBON TETRACHLORIDE	12UJ CHLOROBENZENE 12UJ ETHYL BENZENE	
	12U BROMODICHLOROMETHANE	12UJ STYRENE	
	120 Bright Directions from	12UJ TOTAL XYLENES	
		17 PERCENT MOISTURE	

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

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PURGEABLE ORGANICS DATA REPORT
PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1129 STOP: 00/00/00
    PROJECT NO. 94~0604 SAMPLE NO. 88793 SAMPLE TYPE: SOIL
    SOURCE: OLD CHERRY GROVE LF
    STATION ID: 005-SS
* *
                                                                                                             * *
** CASE NO.: 22582
                                      SAS NO.:
                                                            D. NO.: JA06
                                                                                                             * *
UG/KG ANALYTICAL RESULTS
                                                          UG/KG
                                                                         ANALYTICAL RESULTS
    19U CHLOROMETHANE
                                                            19U 1.2-DICHLOROPROPANE
                                                            19U CIS-1,3-DICHLOROPROPENE
    19U BROMOMETHANE
                                                            19U TRICHLOROETHENE (TRICHLOROETHYLENE)
    19U VINYL CHLORIDE
    19U CHLOROETHANE
                                                            19U DIBROMOCHLOROMETHANE
    38N METHYLENE CHLORIDE
                                                            190
                                                                1.1.2-TRICHLOROETHANE
    190
       ACETONE
                                                            190
                                                                BENZENE
                                                                TRANS-1,3-DICHLOROPROPENE
BROMOFORM
        CARBON DISULFIDE
    1911
                                                            190
        1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
    190
                                                            190
                                                                METHYL ISOBUTYL KETONE
    1911
        1.1-DICHLOROETHANE
                                                           19ÜJ
                                                                METHYL BUTYL KETONE
    190
        1,2-DICHLOROETHENE (TOTAL)
                                                           19UJ
                                                                TETRACHLOROETHENE (TETRACHLOROETHYLENE)
    1911
        CHLOROFORM
                                                           19UJ
        1.2-DICHLOROETHANE
    1911
                                                           1903
                                                                1.1.2.2-TETRACHLOROETHANE
    190 METHYL ETHYL KETONE
                                                           19UJ
                                                                TOLUENE
    190
       1.1.1-TRICHLOROETHANE
                                                           19UJ
                                                                CHLOROBENZENE
                                                           190J
    190
        CARBON TETRACHLORIDE
                                                                ETHYL BENZENE
                                                           1900
        BROMODICHLOROMETHANE
                                                                STYRENE
                                                                TOTAL XYLENES
PERCENT MOISTURE
                                                           19UJ
                                                             48
```

\*\*\*RFMARKS\*\*\*

<sup>\*</sup>FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

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PURGEABLE ORGANICS DATA REPORT	ION IV ESD, ATHENS, GA. 10/0/,	/94
*** * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	***
** PROJECT NO. 94-0604 SAMPLE NO. 88794 SAMPLE TYPE: SOI		**
** SOURCE: OLD CHERRY GROVE LF	CITY: NIXON CROS ST: SC	**
** STATION ID: 006-SS	COLLECTION START: 08/24/94 1145 STOP: 00/00/00	* *
**	D. NO 1407	**
** CASE NO.: 22582 SAS NO.:	D. NO.: JAO7 * * * * * * * * * * * * * * * * * * *	
UG/KG ANALYTICAL RESULTS	UG/KG ANALYTICAL RESULTS	
ddynd Alfae nesoeis	ody No.	
17U CHLOROMETHANE	17UJ 1,2-DICHLOROPROPANE	
17U BROMOMETHANE	17UJ CIS-1.3-DICHLOROPROPENE	
17U VINYL CHLORIDE 17U CHLOROETHANE	17UJ TRICHLOROETHENE(TRICHLOROETHYLENE) 17UJ DIBROMOCHLOROMETHANE	
67N METHYLENE CHLORIDE	17UJ 1,1,2-TRICHLOROETHANE	
17U ACETONE	17UJ BÉNZENE	
17U CARBON DISULFIDE	17UJ TRANS-1,3-DICHLOROPROPENE	
17U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)	17UJ BROMOFORM	
17U 1,1-DICHLOROETHANE	17UJ METHYL ISOBUTYL KETONE	
17U 1.2-DICHLOROETHENE (TOTAL) 17U CHLOROFORM	17UJ METHYL BUTYL KETONE 17UJ TETRACHLOROETHENE(TETRACHLOROETHYLENE)	
17U 1.2-DICHLOROETHANE	17UJ 1.1.2.2—TETRACHLOROETHANE	
17U METHYL ETHYL KETONE	1703 ΤΟΙ ΨΕΝΕ	
17UJ 1,1,1-TRICHLOROETHANE	17UJ CHLOROBENZENE	
17UJ CARBON TETRACHLORIDE	17UJ ETHYL BENZENE	
17UJ BROMODICHLOROMETHANE	17UJ STYRENE 17UJ TOTAL XYLENES	
	42 PERCENT MOISTURE	
	TE TENGERS MOTOTORE	

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*HO-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

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DURGE IN F. ORGANIZAC BATA DEBORT	EPA-REGION IV ESD, ATHENS, GA. 10/0.	//94
PURGEABLE ORGANICS DATA REPORT		
** PROJECT NO. 94-0604 SAMPLE NO. 88795 SAMPLE  ** SOURCE: OLD CHERRY GROVE LF  ** STATION ID: 007-SS	TYPE: SOIL PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1155 STOP: 00/00/00	*** ** ** **
	D NO JAOR	
UG/KG ANALYTICAL RESULTS	D. NO.: JAO8  * * * * * * * * * * * * * * * * * * *	***
25U CHLOROMETHANE 25U BROMOMETHANE 25U VINYL CHLORIDE 25U CHLOROETHANE 64N METHYLENE CHLORIDE 25U ACETONE 25U CARBON DISULFIDE 25U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE) 25U 1,2-DICHLOROETHENE 25U 1,2-DICHLOROETHENE 25U 1,2-DICHLOROETHENE 25U 1.2-DICHLOROETHANE 25U 1.2-DICHLOROETHANE 25U 1.2-DICHLOROETHANE 25U METHYL ETHYL KETONE 25UJ 1,1,1-TRICHLOROETHANE 25UJ CARBON TETRACHLORIDE 25UJ BROMODICHLOROMETHANE	25UJ 1,2-DICHLOROPROPANE 25UJ CIS-1.3-DICHLOROPROPENE 25UJ TRICHLOROETHENE(TRICHLOROETHYLENE) 25UJ DIBROMOCHLOROMETHANE 25UJ 1,1,2-TRICHLOROETHANE 25UJ BENZENE 25UJ TRANS-1.3-DICHLOROPROPENE 25UJ BROMOFORM 25UJ METHYL ISOBUTYL KETONE 25UJ METHYL BUTYL KETONE 25UJ FETRACHLOROETHENE(TETRACHLOROETHYLENE) 25UJ 1.1.2.2-TETRACHLOROETHANE 25UJ TOLUENE 25UJ CHLOROBENZENE 25UJ STYRENE 25UJ STYRENE 25UJ TOTAL XYLENES 61 PERCENT MOISTURE	

\*\*\*REMARKS\*\*\*

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

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PURGEABLE ORGANICS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88796 SAMPLE TYPE: SOIL
                                                            PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1130 STOP: 00/00/00
    SOURCE: OLD CHERRY GROVE LF
* *
                                                                                                                * *
    STATION ID: 008-SS
**
                                                                                                                * *
* *
                                                                                                                * *
  CASE NO.: 22582
                                                             D. NO.: JA09
                                        SAS NO.:
                                                                                                                * *
UG/KG ANALYTICAL RESULTS
                                                            UG/KG ANALYTICAL RESULTS
                                                            11UJ 1.2-DICHLOROPROPANE
11UJ CIS-1.3-DICHLOROPROPENE
11UJ TRICHLOROETHENE(TRICHLOROETHYLENE)
11UJ DIBROMOCHLOROMETHANE
    11U CHLOROMETHANE
    11U BROMOMETHANE
    11U VINYL CHLORIDE
    11U CHLOROETHANE
    11U METHYLENE CHLORIDE
                                                                 1.1.2-TRICHLOROETHANE
                                                             11ÚJ
    11U ACETONE
                                                             11UJ BENZENE
    11U CARBON DISULFIDE
                                                                 TRANS-1,3-DICHLOROPROPENE
                                                             11UJ
    11U 1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
                                                             11UJ BROMOFORM
    11U 1,1-DICHLOROETHANE
                                                             11UJ METHYL ISOBUTYL KETONE
                                                             11UJ METHYL BUTYL KETONE
    11U 1.2-DICHLOROETHENE (TOTAL)
    11U
        CHLOROFORM
                                                             11UJ
                                                                 TETRACHLOROETHENE(TETRACHLOROETHYLENE)
    110
        1.2-DICHLOROETHANE
                                                             11UJ
                                                                 1.1.2.2-TETRACHLOROETHANE
    11U
        METHYL ETHYL KETONE
                                                                 TOLUENE
                                                             11UJ
   11UJ
        1,1,1-TRICHLOROETHANE
                                                             11UJ CHLOROBENZENE
   11UJ
        CARBON TETRACHLORIDE
                                                             11UJ ETHYL BENZENE
                                                             11UJ STYRENE
   11UJ
        BROMODICHLOROMETHANE
                                                            11UJ TOTAL XYLENES
13 PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*K-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT. \*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

10/07/94

\* \*

\*\*

\*\*

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

PROJECT NO. 94-0604 SAMPLE NO. 88793 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: F.M. CARNS

SOURCE: OLD CHERRY GROVE LF CITY: NIXON CROS ST: SC

\* \* STATION ID: 005-SS COLLECTION START: 08/24/94 1129 STOP: 00/00/00 \* \* CASE.NO.: 22582 SAS NO.: D. NO.: JA06 MD NO: JA06

\* \* 

ANALYTICAL RESULTS UG/KG

100JN BENZALDEHYDE

\*\*\*FOOTNOTES\*\*\*

\* \*

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

10/07/94

\* \*

\*\*

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

PROJECT NO. 94-0604 SAMPLE NO. 88794 SAMPLE TYPE: SOIL

SOURCE: OLD CHERRY GROVE LF

PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS ST: SC
COLLECTION START: 08/24/94 1145 STOP: 00/00/00
D. NO.: JAO7 MD NO: JAO7 CASE . NO . : 22582 SAS NO.:

\*\* \*\* \* \* \* \* 

ANALYTICAL RESULTS UG/KG

1 UNIDENTIFIED COMPOUND

\*\*\*FOOTNOTES\*\*\*

\* \*

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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10/07/94

\* \*

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

PROJECT NO. 94-0604 SAMPLE NO. 88795 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF STATION ID: 007-SS PROG ELEM: NSF COLLECTED BY: F.M. CARNS

CITY: NIXON CROS

CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1155 STOP: 00/00/00 D. NO.: JAO8 MD NO: JAO8 \* \* \*\* CASE . NO . : 22582 SAS NO.: \* \* \* \* \*\* \* \*

ANALYTICAL RESULTS UG/KG

3001 1 UNIDENTIFIED COMPOUND

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Region IV Environmental Services Division College Station Road, Athens, Ga. 30613

\*\*\*\*\*MEMORANDUM\*\*\*\*\*

DATE: 10/08/94

SUBJECT: Results of Extractable Organic Analysis;

94-0604 OLD CHERRY GROVE LF

NIXON CROS SC CASE NO: 22582

FROM: Charles H. Hooper

Chief, Laboratory Evaluation/Quality Assurance Section

TO: JOHN CRISWELL

Attached are the results of analysis of samples collected as part of the subject project.

As a result of the Quality Assurance Review, certain data qualifiers may have been placed on the data. Attached is a DATA QUALIFIER REPORT which explains the reasons that these qualifiers were required.

If you have any questions please contact me.

ATTACHMENT

## ORGANIC DATA QUALIFIER REPORT

Case Number 22582 Project Number 94-0604 SAS Number Site ID. Old Cherry Grove LF, Nixon Cros, SC

Affected Samples	Compound or Fraction	Flag <u>Used</u>		
<u>Volatiles</u>				
88789,88792, 88793,	4-methyl-2-pentanone tetrachloroethene 1,1,2,2-tetrachloroetha toluene chlorobenzene ethylbenzene styrene xylene carbon disulfide	J J ne J J J J J	low internal standard recover low in	ery ery ery ery ery
88794,88795, 88796	1,1,1-trichloroethane carbon tetrachloride bromodichloromethane 1,2-dichloropropane trans-1,3-dichloropropetrichloroethene dibromochloromethane 1,1,2-trichloroethane benzene cis-1,3-dichloropropene bromoform 2-hexanone 4-methy1-2-pentanone tetrachloroethene 1,1,2,2-tetrachloroethant toluene chlorobenzene ethylbenzene styrene xylene	J J J J J	low internal standard recover low in	ery ery ery ery ery ery ery ery ery ery
88793,88794, 88795	acetone	N	common lab contaminant	
<u>Extractables</u>				
88792,88794, 88795,88796	di-n-octylphthalate benzo(b/k)fluoranthene benzo(a)pyrene indeno(1,2,3-cd)pyrene dibenz(a,h)anthracene benzo(g,h,i)perylene	] ] ] ]	low internal standard recove low internal standard recove low internal standard recove low internal standard recove low internal standard recove low internal standard recove	ry ry ry
88794	fluoranthene	J	< quantitation limit	
88795	phenanthrene fluoranthene pyrene	J J	< quantitation limit < quantitation limit < quantitation limit	

### <u>Pesticides</u>

None

```
D. NO.: JA02
                                             SAS NO.:
** CASE NO.: 22582
UG/KG ANALYTICAL RESULTS
     UG/KG ANALYTICAL RESULTS
                                                                                890U 3-NITROANILINE
370U ACENAPHTHENE
     370U PHENOL
     370U BIS(2-CHLOROETHYL) ETHER
370U 2-CHLOROPHENOL
                                                                                890U 2,4-DINITROPHENOL
     370U 1,3-DICHLOROBENZENE
                                                                                8900 4-NITROPHENOL
     370U 1,4-DICHLOROBENZENE
                                                                                370U DIBENZOFURAN
                                                                                      2.4-DINITROTOLUENE
DIETHYL PHTHALATE
4-CHLOROPHENYL PHENYL ETHER
     370U 1.2-DICHLOROBENZENE
                                                                                3700
     370U 2-METHYLPHENOL
370U 2,2'-CHLOROISOPROPYLETHER
370U (3-AND/OR_4-)METHYLPHENOL
                                                                                3700
                                                                                370U
                                                                                3700
                                                                                       FLUORENE
                                                                                890U 4-NITROANILINE
890U 2-MEIHYL-4,6-DINITROPHENOL
370U N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
     370U N-NITROSODI-N-PROPYLAMINE
     3700 HEXACHLOROETHANE
     370U NITROBENZENE
                                                                                       4-BROMOPHENYL PHENYL ETHER HEXACHLOROBENZENE (HCB)
                                                                                 370U
     370U ISOPHORONE
           2-NITROPHENOL
                                                                                 370U
     370Ú
                                                                                890U
370U
                                                                                       PENTACHLOROPHENOL
           2,4-DIMETHYLPHENOL
     3700
     370U BÍS(2-CHLOROETHOXY) METHANE
370U 2.4-DICHLOROPHENOL
370U 1.2.4-TRICHLOROBENZENE
                                                                                       PHENANTHRENE
                                                                                370U
370U
     370U
370U
370U
370U
                                                                                       ANTHRACENE
                                                                                       CARBAZOLE
                                                                                790Ŭ
370U
                                                                                       DI-N-BUTYLPHTHALATE
           NAPHTHAL ENE
                                                                                       FLUORANTHENE
     370Ŭ
           4-CHLOROANILINE
                                                                                       PYRENE
     370U HEXACHLOROBUTADIENE
                                                                                 370U
                                                                                370U
370U
370U
                                                                                       BENZYL BUTYL PHTHALATE
3,3'-DICHLOROBENZIDINE
BENZO(A)ANTHRACENE
           4-CHLORO-3-METHYLPHENOL
     370U
     370U 2-METHYLNAPHTHALENE
           HEXACHLOROCYCLOPENTADIENE (HCCP)
2,4,6-TRICHLOROPHENOL
2,4,5-TRICHLOROPHENOL
     3700
                                                                                 3700
                                                                                       CHRYSÈNÉ
     370U
                                                                                1300U BIS(2-ETHYLHEXYL) PHTHALATE
370U DI-N-OCTYLPHTHALATE
     890Ŭ
     3700
           2-CHLORONAPHTHALENE
                                                                                       BENZO(B AND/OR K) FLUORANTHENE
           2-NITROANILINE
     890U
                                                                                370U BENZO(B AND/OR R)FLOORAN
370U INDENO (1,2,3-CD) PYRENE
370U DIBENZO(A,H)ANTHRACENE
370U BENZO(GHI)PERYLENE
11 PERCENT MOISTURE
     370U DIMETHYL PHTHALATE
370U ACENAPHTHYLENE
     3700
           2.6-DINITROTOLUENE
```

\*\*\*REMARKS\*\*\*

<sup>\*</sup>A-A-VERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

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EXTRACTABLE ORGANICS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88790 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: F.M. CARNS SOURCE: OLD CHERRY GROVE LF CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1157 STOP: 00/00/00
                                    SAS NO.: D. NO.: JAO3
** CASE NO.: 22582
UG/KG ANALYTICAL RESULTS
    UG/KG ANALYTICAL RESULTS
                                                                    910U 3-NITROANILINE
370U ACENAPHTHENE
   370U PHENOL
370U BIS(2-CHLOROETHYL) ETHER
370U 2-CHLOROPHENOL
                                                                    9100
                                                                         2.4-DINITROPHENOL
                                                                    9100 4-NITROPHENOL
    370U 1.3-DICHLOROBENZENE
                                                                    370U DIBENZOFURAN
    370U 1,4-DICHLOROBENZENE
                                                                          2,4-DINITROTOLUENE
                                                                    370U
    370U 1,2-DICHLOROBENZENE
                                                                         DIETHYL PHTHALATE
4-CHLOROPHENYL PHENYL ETHER
    370U 2-METĤYLPHENOL
370U 2,2'-CHLOROISOPROPYLETHER
                                                                    3700
                                                                    370Ŭ
                                                                    3700
                                                                         FLUORENE
    370U (3-AND/OR 4-)METHYLPHENOL
                                                                         4-NITROANILINE
2-MEIHYL-4,6-DINITROPHENOL
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
    370U N-NITROSODI-N-PROPYLAMINE
                                                                    9100
    320Ú
         HEXACHLOROE THANE
                                                                    9100
    3700
         NITROBENZENE
                                                                    370U
                                                                         4-BROMOPHENYL PHENYL ETHER
    3700
         ISOPHORONE
                                                                    370U
    3700
                                                                    370U
                                                                         HEXACHLOROBENZENE (HCB)
         2-NITROPHENOL
                                                                    910U
                                                                          PENTACHLOROPHENOL
    370U
         2,4 DIMETHYLPHENOL
         BIS(2-CHLOROETHOXY) METHANE
                                                                    3700
                                                                          PHENANTHRENE
    370U
                                                                   370U
370U
1600U
         2.4-DICHLOROPHENOL
                                                                          ANTHRACENE
    370U
                                                                          CARBAZOLE
DI-N-BUTYLPHTHALATE
         1,2,4-TRICHLOROBENZENE
    370Ü
    3700
         NAPHTHALENE
                                                                    370Ŭ
                                                                          FLUORANTHENE
         4-CHLOROANILINE
    370U
370U
         HEXACHLOROBUTADIENE
                                                                    3700
                                                                          PYRENE
                                                                          BENZYL BUTYL PHTHALATE
    370Ŭ
         4-CHLORO-3-METHYLPHENOL
                                                                    370Û
                                                                          3,3'-DICHLOROBENZIDINE
                                                                    370U
    370U
         2-METHYLNAPHTHALENE
                                                                          BÉNZO(A)ANTHRACENE
                                                                    370Ü
    370U HEXACHLOROCYCLOPENTADIENE (HCCP)
    370U 2,4,6-TRICHLOROPHENOL
                                                                    3700
                                                                          CHRYSÈNÉ
                                                                          BIS(2-ETHYLHEXYL) PHTHALATE
DI-N-OCTYLPHTHALATE
                                                                    3200
3700
         2,4,5-TRICHLOROPHENOL
    910Ŭ
         2-CHLORONAPHTHALENE
    370U
                                                                          BENZO(B AND/OR K)FLUORANTHENE
                                                                    370Ŭ
    9100
         2-NITROANILINE
         DIMETHYL PHTHALATE ACENAPHTHYLENE
                                                                    370Ŭ
                                                                          BENZO-A-PYRENE
    370U
                                                                    370U INDENO (1,2,3-CD) PYRENE
370U DIBENZO(A,H)ANTHRACENE
                                                                    370U
    3700
    370Ŭ
         2.6-DINITROTOLUENE
                                                                    370U BENZO(GHI)PÉRYLENE
                                                                         PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

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EXTRACTABLE ORGANICS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88791 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: F.M. CARNS STATION ID: 003-SS ST: SC COLLECTION START: 08/24/94 1207 STOP: 00/00/00
* *
* *
                                            SAS NO.: D. NO.: JA04
UG/KG ANALYTICAL RESULTS
     UG/KG ANALYTICAL RESULTS
    390U PHENOL
390U BIS(2-CHLOROETHYL) ETHER
390U 2-CHLOROPHENOL
390U 1,3-DICHLOROBENZENE
                                                                                       930U 3-NITROANILINE
390U ACENAPHTHENE
930U 2,4-DINITROPHENOL
930U 4-NITROPHENOL
    3900 1,3-DICHLOROBENZENE
3900 1,2-DICHLOROBENZENE
3900 2-METHYLPHENOL
3900 2,2'-CHLOROISOPROPYLETHER
3900 (3-AND/OR 4-)METHYLPHENOL
                                                                                       390U DIBENZOFURAN
                                                                                       390Ū
                                                                                              2.4-DINITROTOLUENE
                                                                                       390U DIETHYL PHTHALATE
390U 4-CHLOROPHENYL PHENYL ETHER
390U FLUORENE
    390U N-NITROSODI-N-PROPYLAMINE
                                                                                       930U 4-NITROANILINE
                                                                                       3300 2-METHYL-4,6-DINITROPHENOL
3900 N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
     390U HEXACHLOROETHANE
     390U NITROBENZENE
                                                                                              4-BROMOPHENYL PHENYL ETHER
HEXACHLOROBENZENE (HCB)
     390U ISOPHORONE
                                                                                        3900
    3900 150PHONNE
3900 2-NITROPHENOL
3900 2,4-DIMETHYLPHENOL
3900 BIS(2-CHLOROETHOXY) METHANE
3900 2,4-DICHLOROPHENOL
3900 1,2,4-TRICHLOROBENZENE
                                                                                        3900
                                                                                               PENTACHLOROPHENOL
                                                                                       9300
                                                                                        390U
                                                                                               PHENANTHRENE
                                                                                       3900
3900
3900
                                                                                              ANTHRACENE
                                                                                              CARBAZOLE
     3900 NAPHTHALENE
                                                                                              DI-N-BUTYLPHTHALATE
                                                                                              FLUORANTHENE
     390U 4-CHLOROANILINE
                                                                                       390U
     390U HEXACHLOROBUTADIENE
390U 4-CHLORO-3-METHYLPHENOL
                                                                                       390U
                                                                                               PYRENE
                                                                                       390U
390U
390U
                                                                                              BENZYL BUTYL PHTHALATE
3,3'-DICHLOROBENZIDINE
BENZO(A)ANTHRACENE
    3900 2-METHYLNAPHTHALENE
3900 HEXACHLOROCYCLOPENTADIENE (HCCP)
     390U 2,4,6-TRICHLOROPHENOL
                                                                                       390U
                                                                                               CHRYSÈNÉ
    930U 2,4,5-TRICHLOROPHENOL
390U 2-CHLORONAPHTHALENE
                                                                                       2200U BIS(2-ETHYLHEXYL) PHTHALATE
390U DI-N-OCTYLPHTHALATE
390U BENZO(B AND/OR K)FLUORANTHENE
                                                                                      2200U
     930U 2-NITROANILINE
     390U DIMETHYL PHTHALATE
                                                                                       390U
                                                                                               BENZO-A-PYRENE
                                                                                       390U INDENO (1.2,3-CD) PYRENE
390U DIBENZO(A,H)ANTHRACENE
390U BENZO(GHI)PERYLENE
     390U ACENAPITHYLENE
     390U 2.6-DINITROTOLUENE
                                                                                          16 PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

<sup>\*</sup>A-AVERAGE \*ALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

10/07/94

EXTRACTABLE ORGANICS DATA REPORT	EFA REGION IV ESD, ATTEMS, GA.	10,01,01
	SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: CITY: NIXON CROS ST: COLLECTION START: 08/24/94 122	F.M. CARNS ++ SC ++ 2 STOP: 00/00/00 ++ **
** CASE NO.: 22582	SAS NO.: D. NO.: JAO5	** * * * * * * * * * * * * * * * * * *
*** ** * * * * * * * * * * * * * * * *	960U 3-NITROANILINE 960U ACENAPHTHENE 960U 2.4-DINITROPHENOL 400U 4-NITROPHENOL 400U DIBENZOFURAN 400U 2.4-DINITROTOLUENE 400U 1ETHYL PHTHALATE 400U 4-CHLOROPHENYL PHENYL ETH 960U FLUORENE 960U 4-NITROANILINE 400U 2-METHYL-4.6-DINITROPHENOL 400U 0N-NITROSODIPHENYLAMINE/DI 400U 4-BROMOPHENYL PHENYL ETH 960U HFXACHLOROBENZFNE (HCB) 400U ANTHRACENE 400U PHENANTHRENE 400U ANTHRACENE 400U ANTHRACENE 400U DIN-BUTYLPHTHALATE 400U PYRENE 400U PYRENE 400U BENZYL BUTYL PHTHALATE 400U BENZYL BUTYL PHTHALATE 400U BENZO(A)ANTHRACENE 400U CHRYSENE 2700U BIS(2-ETHYLHEXYL) PHTHALA 400U DI-N-OCTYLPHTHALATE 400UJ DI-N-OCTYLPHTHALATE 400UJ DI-N-OCTYLPHTHALATE 400UJ BENZO(B AND/OR K)FLUORANT 400UJ BENZO(B AND/OR K)FLUORANT 400UJ BENZO(A, H)ANTHRACENE 400UJ BENZO(B, H)ANTHRACENE	PHENYLAMINE R

\*\*\*REMARKS\*\*\*

\*\*\*REMARKS\*\*\*

<sup>\*</sup>FOUTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

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EXTRACTABLE ORGANICS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88793 SAMPLE TYPE: SOIL
SOURCE: OLD CHERRY GROVE LF
STATION ID: 005-SS

PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS
ST: SC
COLLECTION START: 08/24/94 1129 STOP: 00/00/00
* *
UG/KG ANALYTICAL RESULTS
                                                                          UG/KG ANALYTICAL RESULTS
                                                                          1300U 3-NITROANILINE
530U ACENAPHTHENE
1300U 2,1-DINITROPHENOL
1300U 4-NITROPHENOL
    530U PHENOL
530U BIS(2-CHLOROETHYL) ETHER
530U 2-CHLOROPHENOL
    530U 1.3-DICHLOROBENZENE
    530U 1,4-DICHLOROBENZENE
                                                                           5300 DIBENZOFURAN
                                                                           530U 2.4-DINITROTOLUENE
530U DIETHYL PHTHALATE
    530U 1,2-DICHLOROBENZENE
    530U 2-METHYLPHENOL
530U 2,2'-CHLOROISOPROPYLETHER
530U (3-AND/OR 4-)METHYLPHENOL
                                                                           530U 4-CHLOROPHENYL PHENYL ETHER
                                                                           5300 FLUORENE
    530U N-NITROSODI-N-PROPYLAMINE
                                                                          1300U 4-NITROANILINE
1300U 2-METHYL-4,6-DINITROPHENOL
          HEXACHLORGE THANE
    5300
                                                                           530U N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
    530U NITROBENZENE
                                                                           530U 4-BROMOPHENYL PHENYL ETHER
    530U ISOPHORONE
                                                                           5300 HEXACHLOROBENZENE (HCB)
    5300
          2-NITROPHENOL
                                                                          1300U PENTACHLOROPHENOL
    530U 2,4-DIMETHYLPHENOL
    530U BIS(2-CHLOROETHOXY) METHANE
530U 2,4-DICHLOROPHENOL
530U 1,2,4-TRICHLOROBENZENE
                                                                           530U PHENANTHRENE
                                                                            530U ANTHRACENE
                                                                                 CARBAZOLE
                                                                            530U
                                                                           5300 DI-N-BUTYLPHTHALATE
    5300
          NAPHTHALENE
    530U 4-CHLOROANILINE
530U HEXACHLOROBUTADIENE
                                                                           5300 FLUORANTHENE
                                                                           530U BENZYL BUTYL PHTHALATE
530U 3,3'-DICHLOROBENZIDINE
530U BENZO(A)ANTHRACENE
    530U 4-CHLORO-3-METHYLPHENOL
    530U 2-METHYLNAPHTHALENE
    530U HEXACHLOROCYCLOPENTADIENE (HCCP)
    530U 2,4,6-TRICHLOROPHENOL
300U 2,4,5-TRICHLOROPHENOL
530U 2-CHLORONAPHTHALENE
                                                                           5300
                                                                                  CHRYSENE
   1300Ü
                                                                            530U
                                                                                  BIS(2-ETHYLHEXYL) PHTHALATE
                                                                            530U DI-N-OCTYLPHTHALATE
          2-NITROANILINE
                                                                           530U BENZO(B AND/OR K)FLUORANTHENE
   13000
                                                                           530U BENZO-A-PYRENE
    5300 DIMETHYL PHTHALATE
                                                                           530U
                                                                                 INDENO (1,2,3-CD) PYRENE
    530U ACENAPHTHYLENE
                                                                           530U DIBENZO(A, H)ANTHRACENE
    530U 2.6-DINITROTOLUENE
                                                                            5300 BENZO(GHI)PERYLENE
                                                                                 PERCENT MOISTURE
```

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

\*\*\*REMARKS\*\*\*

10/07/94

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EXTRACTABLE ORGANICS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88794 SAMPLE TYPE: SOIL
SOURCE: OLD CHERRY GROVE LF
STATION ID: 006-SS

PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS
ST: SC
COLLECTION START: 08/24/94 1145 STOP: 00/00/00
                                                                                                                                   * *
* *
                                   SAS NO.: D. NO.: JA07
                                                                                                                                   * *
** CASE NO.: 22582
UG/KG ANALYTICAL RESULTS
    UG/KG ANALYTICAL RESULTS
                                                                      1400U 3-NITROANILINE
580U ACENAPHTHENE
1400U 2.4-DINITROPHENOL
1400U 4-NITROPHENOL
    5800 BIS(2-CHLOROETHYL) ETHER
5800 2-CHLOROPHENOL
    580U 1.3-DICHLOROBENZENE
                                                                       580U DIBENZOFURAN
    580U 1,4-DICHLOROBENZENE
                                                                       580U 2,4-DINITROTOLUENE
580U DIETHYL PHTHALATE
580U 4-CHLOROPHENYL PHENYL ETHER
    5800 1.2-DICHLOROBENZENE
    5800 2-METHYLPHENOL
    580U 2,2'-CHLOROISOPROPYLETHER
                                                                       580U FLUORENE
    580U (3-AND/OR 4-)METHYLPHENOL
    580U N-NITROSODI-N-PROPYLAMINE
                                                                      1400U 4-NITROANILINE
                                                                      1400U 2-METHYL-4.6-DINITROPHENOL
580U N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
    5800 HEXACHLORGETHANE
    580U
         NITROBENZENE
                                                                       580U 4-BROMOPHENYL PHENYL ETHER
    580U
         ISOPHORONE
                                                                       580U HEXACHLOROBENZENE (HCB)
         2-NITROPHENOL
    580U
                                                                      1400U PENTACHLOROPHENOL
    580U
         2.4 DIMETHYLPHENOL
                                                                       580U PHENANTHRENE
580U ANTHRACENE
         BIS(2-CHLOROETHOXY) METHANE
2,4-DICHLOROPHENOL
    580U
    5800
                                                                       580Ŭ
                                                                             CARBAZOLE
    580U 1.2.4-TRICHLOROBENZENE
                                                                       580U
72J
    580U NAPHTHALENE
                                                                            DI-N-BUTYLPHTHALATE
                                                                             FLUORANTHENE
    580Ŭ
         4-CHLOROANILINE
                                                                       580Ŭ
580U
         HEXACHLOROBUTADIENE
                                                                             PYRENE
    580U
                                                                       580U BENZYL BUTYL PHTHALATE
580U 3,3'-DICHLOROBENZIDINE
580U BENZO(A)ANTHRACENE
    580U
         4-CHLORO-3-METHYLPHENOL
          2-METHYLNAPHTHALENE
    580U
    580Ü
         HEXACHLOROCYCLOPENTADIENE (HCCP)
                                                                       5800
         2,4,6-TRICHLOROPHENOL
                                                                             CHRYSENE
    580U
                                                                       700U BIS(2-ETHYLHEXYL) PHTHALATE
   1400U 2.4.5-TRICHLOROPHENOL
                                                                            DI-N-OCTYLPHTHALATE
                                                                      580UJ
         2-CHLORONAPHTHALENE
    580U
                                                                            BENZO(B AND/OR K)FLUORANTHENE
         2-NITROANILINE
                                                                      580UJ
   1400U
                                                                            BENZO-A-PYRENE
INDENO (1,2,3 CD) PYRENE
DIBENZO(A,H)ANTHRACENE
         DIMETHYL PHTHALATE
                                                                      580UJ
    580U
    580U
         ACENAPHTHYLENE
                                                                      580UJ
    580U 2.6-DINITROTOLUENE
                                                                      580UJ
                                                                            BENZO(GHI)PÉRYLENE
                                                                      580UJ
                                                                         43 PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\*\*\*RFMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AUTRAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

<sup>\*</sup>R-OC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

```
EXTRACTABLE ORGANICS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88795 SAMPLE TYPE: SOIL
SOURCE: OLD CHERRY GROVE LF
STATION ID: 007-SS
PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS
ST: SC
COLLECTION START: 08/24/94 1155 STOP: 00/00/00
     SOURCE: OLD CHERRY GROVE LF
STATION ID: 007-SS
UG/KG ANALYTICAL RESULTS
    UG/KG ANALYTICAL RESULTS
                                                                                2000U 3-NITROANILINE
820U ACENAPHTHENE
2000U 2.4-DINITROPHENOL
2000U 4-NITROPHENOL
    820U PHENOL
820U BIS(2-CHLORGETHYL) ETHER
820U 2-CHLOROPHENOL
820U 1,3-DICHLOROBENZENE
    820U 1,4-DICHLOROBENZENE
820U 1,2-DICHLOROBENZENE
820U 2-METHYLPHENOL
820U 2,2'-CHLOROISOPROPYLETHER
                                                                                 820U DIBENZOFURAN
820U 2.4-DINITROTOLUENE
                                                                                 8200 DIETHYL PHTHALATE
                                                                                 820U 4-CHLOROPHENYL PHENYL ETHER
    820U (3-AND/OR 4-)METHYLPHENOL
                                                                                 8200 FLUORENE
                                                                                2000U 4-NITROANILINE
    820U N-NITROSODI-N-PROPYLAMINE
                                                                                2000U 2-METHYL-4.6-DINITROPHENOL
820U N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
    820U HEXACHLOROETHANE
    820U NITROBENZENE
                                                                                 820U 4-BROMOPHENYL PHENYL ETHER
820U HEXACHLOROBENZENE (HCB)
    820U ISOPHORONE
    820U
           2-NTTROPHENOL
    8200 2.4-DIMETHYLPHENOL
8200 BIS(2-CHLOROETHOXY)
                                                                                2000U PENTACHLOROPHENOL
                                                                                       PHENANTHRENE
           BIS(2-CHLOROETHOXY) METHANE
                                                                                 230J
           2,4-DICHLOROPHENOL
                                                                                 820U ANTHRACENE
    820U
                                                                                 820U
820U
                                                                                        CARBAZOLE
    820U 1,2,4-TRICHLOROBENZENE
                                                                                        DI-N-BUTYLPHTHALATE
    820U NAPHTHALENE
                                                                                 320J
                                                                                        FLUORANTHENE
           4-CHLOROANILINE
    820U
    820U HEXACHLOROBUTADIENE
                                                                                 540J
                                                                                        PYRENE
                                                                                 820U BENZYL BUTYL PHTHALATE
820U 3,3'-DICHLOROBENZIDINE
820U BENZO(A)ANTHRACENE
           4-CHLORO-3-METHYLPHENOL
    820U
   820U 2-METHYLNAPHTHALENE
820U HEXACHLOROCYCLOPENTADIENE (HCCP)
820U 2,4,6-TRICHLOROPHENOL
2000U 2,4,5-TRICHLOROPHENOL
                                                                                 820U
                                                                                        CHRYSÈNÉ
                                                                                 820U BIS(2-ETHYLHEXYL) PHTHALATE
    820U 2-CHLORONAPHTHALENE
                                                                                820UJ DI-N-OCTYLPHTHALATE
                                                                                200J BENZO(B AND/OR K)FLUORANTHENE
820UJ BENZO-A-PYRENE
   2000U 2-NITROANILINE
    820U DIMETHYL PHTHALATE
                                                                                820UJ INDENO (1,2,3 CD) PYRENE
820UJ DIBENZO(A,H)ANTHRACENE
820UJ BENZO(GHI)PERYLENE
    820U ACENAPITHYLENE
    820U 2,6-DINITROTOLUENE
                                                                                   60 PERCENT MOISTURE
```

\*\*\*RFMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

```
EXTRACTABLE ORGANICS DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88796 SAMPLE TYPE: SOIL
SOURCE: OLD CHERRY GROVE LF
STATION ID: 008-SS
STATION START: 08/24/94 1130 STOP: 00/00/00
* *
                                           SAS NO.:
                                                                   D. NO.: JA09
                                                                                                                                * *
** CASE NO.: 22582
UG/KG ANALYTICAL RESULTS
   UG/KG ANALYTICAL RESULTS
                                                                      900U 3-NITROANILINE
370U ACENAPHTHENE
900U 2.4-DINITROPHENOL
   370U PHENOL
370U BIS(2-CHLOROETHYL) ETHER
370U 2-CHLOROPHENOL
                                                                      900U 4-NITROPHENOL
    3700 1.3-DICHLOROBENZENE
                                                                      370U DIBENZOFURAN
    370U 1.4-DICHLOROBENZENE
                                                                      370U 2,4-DINITROTOLUENE
    3700 1.2-DICHLOROBENZENE
                                                                      3700 DIETHYL PHTHALATE
    370U 2-METHYLPHENOL
                                                                      370U 4-CHLOROPHENYL PHENYL ETHER
370U FLUORENE
    370U 2,2'-CHLOROISOPROPYLETHER
    370U
         (3-AND/OR 4-)METHYLPHENOL
         N-NITROSODI-N-PROPYLAMINE
                                                                      900U 4-NITROANILINE
    3700
                                                                      9000 2-METHYL-4.6-DINITROPHENOL
3700 N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
         HEXACHLOROETHANE
    3700
    370U
         NITROBENZENE
                                                                      370U 4-BROMOPHENYL PHENYL ETHER
    370U
         ISOPHORONE
                                                                      370U HEXACHLOROBENZENE (HCB)
         2-NITROPHENOL
    370U
    3700
         2.4 DIMETHYLPHENOL
                                                                      900U PENTACHLOROPHENOL
                                                                      370U PHENANTHRENE
370U ANTHRACENE
    370U
         BIS(2-CHLOROETHOXY) METHANE
         2,4-DICHLOROPHENOL
1,2,4-TRICHLOROBENZENE
NAPHTHALENE
    370U
                                                                      3700
                                                                            CARBAZOLE
    370U
                                                                      370U DI-N-BUTYLPHTHALATE
    370U
         4-CHLOROANILINE
HEXACHLOROBUTADIENE
                                                                      370U FLUORANTHENE
    370U
                                                                      370U PYRENE
    370U
                                                                      370U BENZYL BUTYL PHTHALATE
         4-CHLORO-3-METHYLPHENOL
    370U
                                                                      370U 3.37-DICHLOROBENZIDINE
370U BENZO(A)ANTHRACENE
         2-METHYLNAPHTHALENE
    370U
         HEXACHLOROCYCLOPENTADIENE (HCCP)
    370U
         2,4,6-TRICHLOROPHENOL
2,4,5-TRICHLOROPHENOL
2-CHLORONAPHTHALENE
                                                                      370U
                                                                            CHRYSENE
    370U
                                                                            BIS(2-ETHYLHEXYL) PHTHALATE
DI-N-OCTYLPHTHALATE
                                                                      620U
    900Ŭ
                                                                     370UJ
    370U
                                                                     370UJ BENZO(B AND/OR K)FLUORANTHENE
          2-NITROANILINE
    900U
                                                                            BENZO-A-PYRENE
    3700
         DIMETHYL PHTHALATE
                                                                     370UJ
                                                                     370UJ INDENO (1,2,3-CD) PYRENE
370UJ DIBENZO(A,H)ANTHRACENE
   370U
         ACENAPHTHYLENE
         2.6-DINITROTOLUENE
    370U
                                                                     370UJ BENZO(GHI)PERYLENE
                                                                        12 PERCENT MÓISTURE
```

\*\*\*RFMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\* \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

10/07/94

\* \*

\* \*

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 94-0604 SAMPLE NO. 88789 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: F.M. CARNS

CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1130 STOP: 00/00/00 SOURCE: OLD CHERRY GROVE LF

STATION ID: 001-SS \* \* CASE.NO.: 22582

MD NO. JA02 \* \* SAS NO.: D. NO.: JA02 \* \* \* \* \* \* 

ANALYTICAL RESULTS UG/KG

10000J 14 UNIDENTIFIED COMPOUNDS

\*\*\*FOOTNOTES\*\*\*

\*\*

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

<sup>\*</sup>K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

10/07/94

\* \*

\* \*

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT 

PROJECT NO. 94-0604 SAMPLE NO. 88791 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: F.M. CARNS

SOURCE: OLD CHERRY GROVE LF

CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1207 STOP: 00/00/00 \* \* \*\*

CASE.NO.: 22582 MD NO: JA04 \* \* SAS NO.: D. NO.: JA04 \* \* \* \* \* \* 

ANALYTICAL RESULTS UG/KG

200JN TETRAMETHYLPHENANTHRENE 4000J 6 UNIDENTIFIED COMPOUNDS

\*\*\*FOOTNOTES\*\*\*

\*\*

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

<sup>\*</sup>K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT. \*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

10/07/94

\* \*

\* \*

\* \*

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROG ELEM: NSF COLLECTED BY: F.M. CARNS PROJECT NO. 94-0604 SAMPLE NO. 88792 SAMPLE TYPE: SOIL

CITY: NIXON CROS ST: SC: COLLECTION START: 08/24/94 1222 STOP: 00/00/00 D. NO.: JAO5 MD NO: JAO5 SOURCE: OLD CHERRY GROVE LF CASE . NO . : 22582 SAS NO.:

\* \* 

ANALYTICAL RESULTS UG/KG

200001 8 UNIDENTIFIED COMPOUNDS

\*\*\*FOOTNOTES\*\*\*

\* \*

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<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

10/07/94

\* \*

\* \*

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 94-0604 SAMPLE NO. 88793 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF STATION ID: 005-SS PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1129 \* \* STOP: 00/00/00 \* \* \* \*

MD NO: JA06 \* \* CASE.NO.: 22582 SAS NO.: D. NO.: JA06 \* \* 

ANALYTICAL RESULTS UG/KG

20000J 8 UNIDENTIFIED COMPOUNDS

<sup>\*</sup>A-AVERAGE \*ALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

10/07/94

\* \*

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\* \*

\* \*

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 94-0604 SAMPLE NO. 88794 SAMPLE TYPE: SOIL PROG ELEM: NSF COLLECTED BY: F.M. CARNS \* \* \* \*

SOURCE: OLD CHERRY GROVE LF

CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1145 STOP: 00/00/00 STATION ID: 006-SS CASE.NO.: 22582 SAS NO.: D. NO.: JA07 MD NO: JAO7

ANALYTICAL RESULTS UG/KG

1000JN CINNAMYLCINNAMATE 16 UNIDENTIFIED COMPOUNDS 40000J

\*\*\*FOOTNOTES\*\*\*

\* \*

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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10/07/94

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT \*\*\* \* \* \* \* \* \* \* \* \* \* \* \* PROG ELEM: NSF COLLECTED BY: F.M. CARNS PROJECT NO. 94-0604 SAMPLE NO. 88795 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF CITY: NIXON CROS ST: SC \* \* COLLECTION START: 08/24/94 1155 STOP: 00/00/00 STATION ID: 007-SS \* \* CASE . NO . : 22582 SAS NO.: D. NO.: JA08 MD NO: JAO8 \* \* \* \* \* \* 

ANALYTICAL RESULTS UG/KG

600001 13 UNIDENTIFIED COMPOUNDS

<sup>\*</sup>A-AVERAGE VALUE \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*NA-NOT ANALYZED

<sup>\*</sup>K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
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10/07/94

\* \*

\* \*

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC \* \* PROJECT NO. 94-0604 SAMPLE NO. 88796 SAMPLE TYPE: SOIL \* \*

SOURCE: OLD CHERRY GROVE LF

STATION ID: 008-SS COLLECTION START: 08/24/94 1130 STOP: 00/00/00 CASE.NO.: 22582 SAS NO.: D. NO.: JA09

MD NO: JAO9 \* \* \* \* 

ANALYTICAL RESULTS UG/KG

**TETRAMETHYLPHENANTHRENE** 100JN 300JN CINNAMYLCINNAMATE 10000J 7 UNIDENTIFIED COMPOUNDS

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
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# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Region IV Environmental Services Division College Station Road, Athens, Ga. 30613

\*\*\*\*\*MEMORANDUN\*\*\*\*\*

DATE: 10/08/94

SUBJECT: Results of Pesticide/PCB Analysis;

94-0604 OLD CHERRY GROVE LF

NIXON CRCS SC CASE NO: 22582

FROM: Charles H. Hooper

Chief, Laboratory Evaluation/Quality Assurance Section

TO: JOHN CRISWELL

Attached are the results of analysis of samples collected as part of the subject project.

As a result of the Quality Assurance Review, certain data qualifiers may have been placed on the data. Attached is a DATA QUALIFIER REFORT which explains the reasons that these qualifiers were required.

If you have any questions please contact me.

ATTACHMENT

### ORGANIC DATA QUALIFIER REPORT

Case Number 22582 Project Number 94-0604 SAS Number Site ID. Old Cherry Grove LF, Nixon Cros, SC

Affected Samples	Compound or Fraction	Flag <u>Used</u>	
<u>Volatiles</u>			
88789,88792, 88793,	4-methyl-2-pentanone tetrachloroethene 1,1,2,2-tetrachloroetha toluene chlorobenzene ethylbenzene styrene xylene carbon disulfide	J J ne J J J J J	low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery < quantitation limit
88794,88795, 88796	1,1,1-trichloroethane carbon tetrachloride bromodichloromethane 1,2-dichloropropane trans-1,3-dichloroprope trichloroethene dibromochloromethane 1,1,2-trichloroethane benzene cis-1,3-dichloropropene bromoform 2-hexanone 4-methyl-2-pentanone tetrachloroethene 1,1,2,2-tetrachloroethat toluene chlorobenzene ethylbenzene styrene xylene	J J J J J	low internal standard recovery low internal standard recovery
88793,88794, 88795	acetone	N	common lab contaminant
<u>Extractables</u>			
88792,88794, 88795,88796	di-n-octylphthalate benzo(b/k)fluoranthene benzo(a)pyrene indeno(1,2,3-cd)pyrene dibenz(a,h)anthracene benzo(g,h,i)perylene	] ] ] ]	low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery low internal standard recovery
88794	fluoranthene	J	< quantitation limit
88795	phenanthrene fluoranthene pyrene	J J J	< quantitation limit < quantitation limit < quantitation limit

### <u>Pesticides</u>

None

```
PESTICIDES/PCB'S DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88789 SAMPLE TYPE: SOIL
SOURCE: OLD CHERRY GROVE LF
STATION ID: 001-SS
PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS
ST: SC
COLLECTION START: 08/24/94 1130 STOP: 00/00/00
                              SAS NUMBER:
                                                                 D. NUMBER: JAO2
    CASE NUMBER: 22582
UG/KG ANALYTICAL RESULTS
                                                                 UG/KG ANALYTICAL RESULTS
   1.9U ALPHA-BHC
                                                                 19U METHOXYCHLOR
   1.90 BETA-BHC
                                                                 3.60 ENDRIN KETONE
   1.90 DELTA-BHC
                                                                 3.60 ENDRIN ALDEHYDE
                                                                     CHLORDANE (TECH. MIXTURE) /1
GAMMA-CHLORDANE /2
   1.90 GAMMA-BHC (LINDANE)
   1.90 HEPTACHLOR
        ALDRIN
                                                                      ALPHA-CHLORDANE
   1.90
                                                                 1.90
   1.90 HEPTACHLOR EPOXIDE
                                                                      TOXAPHENE
                                                                 1900
   1.90 ENDOSULFAN I (ALPHA)
                                                                  36U
                                                                     PCB-1016 (AROCLOR 1016)
                                                                      PCB-1221 (AROCLOR 1221)
PCB-1232 (AROCLOR 1232)
   3.6U DIELDRIN
                                                                  74U
   3.6U 4,4'-DDE (P,P'-DDE)
   3.6U ENDRIN
3.6U ENDOSULFAN II (BETA)
3.6U 4.4'-DDD (P.P'-DDD)
3.6U ENDOSULFAN SULFATE
                                                                      PCB-1242 (AROCLOR 1242)
PCB-1248 (AROCLOR 1248)
                                                                  150
                                                                  360
                                                                      PCB-1254 (AROCLOR 1254)
                                                                  36U
                                                                     PCB-1260 (AROCLOR 1260)
                                                                  36U
   3.6U 4,4'-DDT (P,P'-DDT)
                                                                      PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*COUNDIES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

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\*C-CONTINENTS BY GCMS

1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

```
PESTICIDES/PCB'S DATA REPORT
PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1157 STOP: 00/00/00
    PROJECT NO. 94-0604 SAMPLE NO. 88790 SAMPLE TYPE: SOIL
    SOURCE: OLD CHERRY GROVE LF
    STATION ID: 002-SS
    CASE NUMBER: 22582
                          SAS NUMBER:
                                                         D. NUMBER: JAO3
                                                                                                        * *
UG/KG ANALYTICAL RESULTS
                                                        UG/KG
                                                                       ANALYTICAL RESULTS
                                                         20U METHOXYCHLOR
   2.00 ALPHA-BHC
                                                         3.80 ENDRIN KETONE
   2.00
       BETA-BHC
   2.00
       DELTA-BHC
                                                         3.80 ENDRIN ALDEHYDE
   2.00
       GAMMA-BHC (LINDANE)
                                                             CHLORDANE (TECH. MIXTURE) /1
                                                             GAMMA-CHLORDANE
       HEPTACHLOR
   2.00
                                                                           /2
   2.00
                                                         2.00
                                                             ALPHA-CHLORDANE
       ALDRIN
                                                             TOXAPHENE
       HEPTACHLOR EPOXIDE
                                                         2000
                                                         38U
77U
       ENDOSULFAN I (ALPHA)
                                                             PCB-1016 (AROCLOR 1016)
                                                             PCB-1221 (AROCLOR 1221)
   3.80
       DIELDRIN
       4,4'-DDE (P,P'-DDE)
                                                             PCB-1232 (AROCLOR 1232)
   3.80
                                                         38Ú
   3.80
       ENDR1N
                                                             PCB-1242 (AROCLOR 1242)
   3.80
       ENDOSULFAN II (BETA)
                                                         380
                                                             PCB-1248 (AROCLOR 1248)
       4.4'-DDD (P.P'-DDD)
                                                             PCB-1254 (AROCLOR 1254)
   3.80
       ENDOSULFAN SULFATE
                                                             PCB-1260 (AROCLOR 1260)
   3.80
                                                             PERCENT MOISTURE
   3.80
       4,4'-DDT (P.P'-DDT)
```

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

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\*C-CONFIRMED BY GCMS

1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

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\*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

```
PESTICIDES/PCB'S DATA REPORT
PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC
    PROJECT NO. 94-0604 SAMPLE NO. 88792 SAMPLE TYPE: SOIL
    SOURCE: OLD CHERRY GROVE LF
                                                          COLLECTION START: 08/24/94 1222 STOP: 00/00/00
    STATION ID: 004-SS
                                                                                                           * *
* *
    CASE NUMBER: 22582
                           SAS NUMBER:
                                                           D. NUMBER: JAOS
                                                                                                           * *
                                                                                                           * *
UG/KG
                   ANALYTICAL RESULTS
                                                          UG/KG
                                                                          ANALYTICAL RESULTS
   2.1U ALPHA-BHC
                                                           21U METHOXYCHLOR
   2.10 BETA-BHC
                                                          4.0U ENDRIN KETONE
                                                               ENDRIN ALDEHYDE
   2.10 DELTA-BHC
   2.1U GAMMA-BHC (LINDANE)
                                                               CHLORDANE (TECH. MIXTURE) /1
   2.1U HEPTACHLOR
                                                          2.1U GAMMA-CHLORDANE
                                                                             /2
   2.10
2.10
                                                          2.10 ALPHA-CHLORDANE
        ALDRIN
        HEPTACHLOR EPOXIDE
ENDOSULFAN I (ALPHA)
                                                               TOXAPHENE
                                                          2100
                                                               PCB-1016 (AROCLOR 1016)
PCB-1221 (AROCLOR 1221)
   2.10
                                                           40U
   4.0U
        DIELDRIN
                                                           820
        4,4'-DDE (P,P'-DDE)
                                                               PCB-1232 (AROCLOR 1232)
   4.00
                                                           40U
        ENDRIN
   4.0U
                                                           160
                                                               PCB-1242 (AROCLOR 1242)
        ENDOSULFAN II (BETA)
                                                               PCB-1248 (AROCLOR 1248)
   4.0U
                                                           40U
                                                           40U PCB-1254 (AROCLOR 1254)
40U PCB-1260 (AROCLOR 1260)
        4,4'-DDD (P,P'-DDD)
   4.00
   4.00 ENDOSULFAN SULFATE
    25 4,4'-DDT (P,P'-DDT)
                                                            19 PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\* \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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\*C-CONFITMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

```
PESTICIDES/PCB'S DATA REPORT
PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1129 STOP: 00/00/00
    PROJECT NO. 94-0604 SAMPLE NO. 88793 SAMPLE TYPE: SOIL
    SOURCE: OLD CHERRY GROVE LF
                                                                                                            * *
    STATION ID: 005-SS
                                                                                                           * *
                           SAS NUMBER:
                                                           D. NUMBER: JAO6
                                                                                                           * *
    CASE NUMBER: 22582
                                                                                                           * *
UG/KG
                                                                         ANALYTICAL RESULTS
   UG/KG
                  ANALYTICAL RESULTS
   2.8U ALPHA-BHC
                                                           28U METHOXYCHLOR
                                                          5.50 ENDRIN KETONE
   2.8U BETA-BHC
        DELTA-BHC
                                                          5.5U ENDRIN ALDEHYDE
   2.8U
   2.80
        GAMMA-BHC (LINDANE)
                                                               CHLORDANE (TECH. MIXTURE) /1
   2.8U
2.8U
2.8U
        HEPTACHLOR
                                                          2.80
                                                               GAMMA-CHLORDANE
                                                                             /2
        ALDRIN
                                                          2.80
                                                              ALPHA-CHLORDANE
                                                                              /2
        HEPTACHLOR EPOXIDE
ENDOSULFAN I (ALPHA)
                                                          280U
                                                               TOXAPHENE
   2.80
                                                           550
                                                               PCB-1016 (AROCLOR 1016)
   5.5Ú
        DIELDRIN
                                                          1100
                                                               PCB-1221 (AROCLOR 1221)
   5.50
        4,4'-DDE (P,P'-DDE)
                                                           55U
                                                               PCB-1232 (AROCLOR 1232)
   5.50
        ENDRIN
                                                           550
550
                                                               PCB-1242 (AROCLOR 1242)
                                                               PCB-1248 (AROCLOR 1248)
   5.50
        ENDOSULFAN II (BETA)
        4,4'-DDD (P,P'-DDD)
                                                               PCB-1254 (AROCLOR 1254)
   5.50
       ENDOSULFAN SULFATE
                                                           55U PCB-1260 (AROCLOR 1260)
   5.50
   5.5U 4.4'-DDT (P,P'-DDT)
                                                              PERCENT MOISTURE
```

\*\*\*RFMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*\*A-AVERAGE VALUE \*\*NA-NOT ANALYZED \*\*NATE INTERPRETACE OF MATERIAL \*\*A-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*\*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

\*\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

\*\*C-CONFIRMED BY GCMS

1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS. \*C-CONFIRMED BY GCMS 1. WHEN NO VALU 2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

```
PESTICIDES/PCB'S DATA REPORT
PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1145 STOP: 00/00/00
    PROJECT NO. 94-0604 SAMPLE NO. 88794 SAMPLE TYPE: SOIL
**
    SOURCE: OLD CHERRY GROVE LF
                                                                                                                    * *
    STATION ID: 006-SS
                                                                                                                    * *
                             SAS NUMBER:
                                                               D. NUMBER: JAO7
    CASE NUMBER: 22582
                                                                                                                    * *
                                                                                                                    * *
UG/KG
                                                                               ANALYTICAL RESULTS
   UG/KG
                   ANALYTICAL RESULTS
                                                                29U METHOXYCHLOR
   2.9U ALPHA-BHC
                                                               5.70 ENDRIN KETONE
   2.9U BETA-BHC
   2.90 DELTA-BHC
2.90 GAMMA-BHC
2.90 HEPTACHLOR
2.90 ALDRIN
                                                                    ENDRIN ALDEHYDE
                                                               5.70
        GAMMA-BHC (LINDANE)
                                                                    CHLORDANE (TECH. MIXTURE) /1
                                                               2.9U
2.9U
        HEPTACHLOR
                                                                    GAMMA-CHLORDANE
                                                                                   /2
                                                                    ALPHA-CHLORDANE
   2.9U
2.9U
5.7U
                                                               290U
        HEPTACHLOR EPOXIDE
                                                                    TOXAPHENE
                                                                    PCB-1016 (AROCLOR 1016)
PCB-1221 (AROCLOR 1221)
        ENDOSULFAN I (ALPHA)
                                                                57U
        DIELDRIN
                                                               120U
   5.70
        4,4'-DDE (P,P'-DDE)
                                                                    PCB-1232 (AROCLOR 1232)
                                                                57U
        ENDRIN
                                                                    PCB-1242 (AROCLOR 1242)
   5.70
                                                                110
   5.70
       ENDOSULFAN II (BETA)
                                                                570
                                                                    PCB-1248 (AROCLOR 1248)
   5.7U 4.4'-DDD (P.P'-DDD)
5.7U ENDOSULFAN SULFATE
                                                                57Ú
                                                                    PCB-1254 (AROCLOR 1254)
PCB-1260 (AROCLOR 1260)
                                                                57U
   5.70 4,4'-DDT (P,P'-DDT)
                                                                    PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
\*C-CONFIRMED BY GCMS 1. WHEN NO PALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

```
PESTICIDES/PCB'S DATA REPORT
PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC
   PROJECT NO. 94-0604 SAMPLE NO. 88795 SAMPLE TYPE: SOIL
                                                         CITY: NIXON CROS ST: SC
COLLECTION START: 08/24/94 1155 STOP: 00/00/00
    SOURCE: OLD CHERRY GROVE LF
* *
    STATION ID: 007-SS
                                                                                                          * *
* *
                           SAS NUMBER:
                                                          D. NUMBER: JAO8
    CASE NUMBER: 22582
                                                                                                          * *
                                                                                                          * *
UG/KG
                                                                        ANALYTICAL RESULTS
   UG/KG ANALYTICAL RESULTS
   4.3U ALPHA-BHC
                                                          43U METHOXYCHLOR
                                                         8.4U ENDRIN KETONE
   4.3U BETA-BHC
                                                         8.40 ENDRIN ALDEHYDE
   1.3U DELTA-BHC
   4.30
       GAMMA-BHC (LINDANE)
                                                              CHLORDANE (TECH. MIXTURE) /1
   4.30 HEPTACHLOR
                                                         4.30
                                                              GAMMA-CHLORDANE
                                                                            /2
   4.30
       ALDRIN
                                                         4.3U
                                                             ALPHA-CHLORDANE
   4.30
       HEPTACHLOR EPOXIDE
ENDOSULFAN I (ALPHA)
                                                         430U
                                                              TOXAPHENE
                                                              PCB-1016 (AROCLOR 1016)
   4.30
                                                          84U
   8.40
       DIELDRIN
                                                         170U
                                                              PCB-1221 (AROCLOR 1221)
        4,4'-DDE (P,P'-DDE)
                                                          840
                                                              PCB-1232 (AROCLOR 1232)
   8.40
       ENDRIN
   8.40
                                                          830
                                                              PCB-1242 (AROCLOR 1242)
   8.40
       ENDOSULFAN II (BETA)
                                                              PCB-1248 (AROCLOR 1248)
                                                          84U
       4,4'-DDD (P,P'-DDD)
   8.4Ú
                                                              PCB-1254 (AROCLOR 1254)
                                                          84U
   8.40 ENDOSULFAN SULFATE
                                                          84U PCB-1260 (AROCLOR 1260)
   8.4U 4,4'-DDT (P,P'-DDT)
                                                           61 PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\* \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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\*C-CONFITTURED BY GCMS
1. WHEN NO VALUE IS REPORTED. SEE CHLORDANE CONSTITUENTS.

```
PESTICIDES/PCB'S DATA REPORT
PROJECT NO. 94-0604 SAMPLE NO. 88796 SAMPLE TYPE: SOIL
SOURCE: OLD CHERRY GROVE LF
STATION ID: 008-SS
CASE NUMBER: 22582 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS
COLLECTION START: 08/24/94 1130 STOP: 00/00/00
D. NUMBER: JA09
                                                                                                                     * *
* *
    CASE NUMBER: 22582
                              SAS NUMBER:
                                                                                                                     * *
* *
                                                                                                                     * *
• •
UG/KG
                   ANALYTICAL RESULTS
                                                               UG/KG ANALYTICAL RESULTS
   1.9U ALPHA-BHC
                                                                19U METHOXYCHLOR
   1.90 BETA-BHC
                                                               3.7U ENDRIN KETONE
   1 9U DELTA-BHC
                                                               3.7U ENDRIN ALDEHYDE
                                                                     CHLORDANE (TECH. MIXTURE) /1
   1.9U GAMMA-RHC (LINDANE)
                                                               1.9U GAMMA-CHLORDANE /2
   1 9U HEPTACHLOR
                                                               1.9U ALPHA-CHLORDANE
   1.9U ALDRIN
                                                                    TOXAPHENE
   1.90 HEPTACHLOR EPOXIDE
                                                                1900
                                                                37U PCB-1016 (AROCLOR 1016)
76U PCB-1221 (AROCLOR 1221)
   1.90
        ENDOSULFAN I (ALPHA)
   3.70
         DIFIDRIN
   3.7Ŭ
         4.4'-DDE (P.P'-DDE)
                                                                    PCB-1232 (AROCLOR 1232)
                                                                37Ü
         ENDRIN
                                                                    PCB-1242 (AROCLOR 1242)
   3.70
                                                                600
        ENDOSULFAN II (BETA)
4.4'-DDD (P.P'-DDD)
   3 70
                                                                3711
                                                                    PCB-1248 (AROCLOR 1248)
                                                                    PCB-1254 (AROCLOR 1254)
   3.7U
                                                                37U PCB-1260 (AROCLOR 1260)
   3.70 ENDOSULFAN SULFATE
   3.7U 4,4'-DDT (P,P'-DDT)
                                                                 12 PERCENT MOISTURE
```

\*\*\*REMARKS\*\*\*

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\*C-CONFITTUENTS OR METAPOLITIES OF TECHNICAL WHEN NO PARTY.

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Region IV Environmental Services Division College Station Road, Athens, Ga. 30613

\*\*\*\*MEMORANDUM\*\*\*\*\*

DATE: 10/08/94

SUBJECT: Results of Metals Analysis;

94-0604 OLD CHERRY GROVE LF

NIXON CROS SC CASE NO: 22582

FROM: Charles H. Hooper

Chief, Laboratory Evaluation/Quality Assurance Section

TO: JOHN CRISWELL

Attached are the results of analysis of samples collected as part of the subject project.

As a result of the Quality Assurance Review, certain data qualifiers may have been placed on the data. Attached is a DATA QUALIFIER REFORT which explains the reasons that these qualifiers were required.

If you have any questions please contact me.

ATTACHMENT

### INORGANIC DATA QUALIFIERS REPORT

Case Number: 22582
Project Number: 94-0604
Site: Old Cherry Grove LF, Nixon Crossing, SC

Element	Flag	Samples Affected	Reason
Al, Zn	บ	All positives > IDL, but < CRDL	Baseline instability
Ca, Fe, Na	Ŭ	All positives > IDL, but < 10X contaminant level	Positives in blanks
Tl	JŇ	All positives with Al or Fe concentrations in solution > 160,000 ug/L	Suspected positive interference as noted in the contractor ICS
Pb	J	All with Al or Fe concentrations in solution > 60,000 ug/L	Suspected over correction as noted in the contractor ICS
Se	J	All with Al or Fe concentrations in solution > 120,000 ug/L	Suspected over correction as noted in the contractor ICS
Sb	J	All	Matrix spike recovery = 71.4%
Se	U	MDJA02, 03, 06, & 07	% RSD > 20% for ICP multiple exposures and results > IDL, but < CRDL
Ag	U	MDJA05	<pre>% RSD &gt; 20% for ICP multiple exposures and results &gt; IDL, but &lt; CRDL</pre>
Cd	υ	MDJA06	% RSD > 20% for ICP multiple exposures and results > IDL, but < CRDL
Sb	U	MDJA08	% RSD > 20% for ICP multiple exposures and results > IDL, but < CRDL
V	J	MDJA02	% RSD > 20% for ICP multiple exposures
K	J	MDJA04	% RSD > 20% for ICP multiple exposures
Ni	J	MDJA04, 05, 06, & 07	% RSD > 20% for ICP multiple exposures
Со	J	MDJA06 & 06	% RSD > 20% for ICP multiple exposures
A's	J	MDJA05 & 08	Only analysis of 2X CRDL standard required by SOW for ICP analysis
Ве	J	MDJA05, 07, & 08	Only analysis of 2X CRDL standard required by SOW for ICP analysis

### INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 22582
Project Number: 94-0604
Site: Old Cherry Grove LF, Nixon Crossing, SC

Samples Affected MDJA05 Flag J Reason Only analysis of 2X CRDL standard required by SOW for ICP analysis

METALS DA	TA REPORT									
*** * * *	* * * * * * *	* * * * *	* * * * *	* * * * *	* * * * * *	* * * * *	* * * * * * * * *	* * * * * * * *		* * * * * ***
** PROJ	ECT NO. 94-060	4 SAMPLE	NO. 88789	SAMPLE T	YPE: SOIL	PROG	ELEM: NSF COLL	LECTED BY: F.M.	CARNS	**
** SOUR	CE: OLD CHERRY	GROVE LF				CITY	: NIXON CROS	ST: SC		**
** ŠŤÁT	ION ID: 001-SS	,				COLLI	ECTION START: 08/	/24/94 1130	STOP: 00/00/00	**
** CASE	NUMBER: 22582	<u>}</u>	SAS NUMBER			MD I	NUMBER: JAO2	•		**
**										**
*** * * *	* * * * * * *	* * * * *	* * * * *	* * * * *	* * * * * *	* * * * :	* * * * * * * * *	* * * * * * * *		* * * * * ***
MG/KG	1	ANALYTICA	L RESULTS			MG/KG	ANA	ALYTICAL RESULT	'S	
780 ´	ALUMINUM					1	MANGANESE			
2.7UJ	ANTIMONY					0.110	MERCURY			
0.570	ARSENIC					1.10	NICKEL			
5.1	BARIUM					900	POTASSIUM			
0.040	BERYLLIUM					10	SELENIUM			
0.510	CA <b>DMIUM</b>					0.380	SILVER			
120	CALCIUM					66	SODIUM			
1.7	CHROMIUM					1.30	THALLIUM			
0.46U	COBALT					NA	TIN			
0.95	COPPER					0.93J	<u>VANADIUM</u>			
390	IRON					20	ZINC			
ხ.1	LEAD					12	PERCENT MOISTUR	RE		
24	MAGNESIUM									

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

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METALS DATA REPO	ORT						
*** * * * * * *	* * * * * * * * *	* * * * * * * * *	* * * * * * * *	* * * * * *	• <u> </u>	* * * * * * * * *	* * * * * * * * * **
** PROJECT NO.		NO. 88790 SAMPLE	TYPE: SOIL			'ED BY: F.M. CARNS	**
** SOURCE: OLD	D CHERRY GROVE LF				NIXON CROS	ST: SC	**
** STATION ID:					TION START: 08/24/	'94 1157 STOP: (	00/00/00 **
** CASE NUMBER	R: 22582	SAS NUMBER:		MD NUM	MBER: JAO3		**
**							**
*** * * * * *	* * * * * * * * *	* * * * * * * * *	* * * * * * * *	* * * * * *	* * * * * * * * *	* * * * * * * * *	* * * * * * * * * **
MG/KG	ANALYTICA	L RESULTS		MG/KG		ICAL RESULTS	
1000 ALUMIN					MANGANESE		
2.8UJ ANTIMO			(		MERCURY		
O.60U ARSENI			1		NICKEL		
2.5 BARIUN					POTASSIUM		
0.050 BERYLL					SELENIUM		
0.53U CADMIL					SILVER		
89 CALCIU					SODIUM		
1.9 CHROMI					THALLIUM		
0.48U COBALT			Ŋ		rin		
1.5 COPPER	₹				/ANADIUM		
270 IRON			3		ZINC		
4.2 LEAD				13 F	PERCENT MOISTURE		
17 MAGNES	SIUM						

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

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METALS DATA REPORT	2.77 (12.20) 27 200, 7771210, 4771	.0,0.,0.
*** * * * * * * * * * * * * * * * * * *		
** PROJECT NO. 94-0604 SAMPLE NO. 88791 SAMPL	E TYPE: SOIL PROG ELEM: NSF COLLECTED BY: F	.M. CARNS **
** SOURCE: OLD CHERRY GROVE LF	CITY: NIXON CROS ST:	
** STATION ID: 003-SS	COLLECTION START: 08/24/94 1207	
** CASE NUMBER: 22582 SAS NUMBER:	MD NUMBER: JA04	**
**	WD 115MB2 67.6 V	**
*** * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * *
MG/KG ANALYTICAL RESULTS	MG/KG ANALYTICAL RES	ULTS
1600 ALUMINUM	7.2 MANGANESE	
2.9UJ ANTIMONY	O.11U MERCURY	
O.62U ARSENIC 5.6 BARIUM	1.2J NICKEL	
5.6 BARIUM	110J POTASSIUM	
0.05U BERYLLIUM	0.57U SELENIUM	
O.54U CADMIUM	0.40U SILVER	
780 CALCIUM	30U SODIUM	
3.8 CHROMIUM	1.3U THALLIUM	
O.50U COBALT	NA TIN	
4 COPPER	4.9 VANADIUM	
760 IRON	10 ZINC	
5.6 LEAD	17 PERCENT MOISTURE	
72 MAGNESIUM		

\*\*\*REMARKS\*\*\*

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METALS DATA REPORT	ETA REGION IT ESD, AVVIEND, MA.	10/01/04
*** * * * * * * * * * * * * * * * * *	CITY: NĪXON CROS ST: SC COLLECTION START: 08/24/94 1222 ST	F * * * * * * * * * * * * * * * * * * *
MG/KG  ANALYTICAL RESULTS  5200 ALUMINUM 3UJ ANTIMONY 2.3J ARSENIC 36 BARIUM 0.05J BERYLLIUM 1J CADMIUM 2400 CALCIUM 15 CHROMIUM 1.9 COBALT 84 COPPER 15000 IRON 100J LEAD 190 MAGNESIUM		* * * * * * * * * * * * * * * * * * * *

\*\*\*REMARKS\*\*\*

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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	AFTAIS DA	TA REPORT			_		-, -			
3	** PROJ ** SOUR ** STAT ** CASE	ECT NO. 94-060 CE: OLD CHERRY ION ID: 005-SS NUMBER: 22582	GROVE LF	* * * * * * * NO. 88793	* * * * * * SAMPLE TYPE	* * * * * * * : : SOIL	* * * * * * * * * PROG ELEM: NSF CITY: NIXON CR COLLECTION STA MD NUMBER: JA	ROS ST: SC RRT: 08/24/94 1129		: * * * *** ** ** **
3 2 0 2 2 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3	** * * * * * * * * * * * * * * * * * *	* * * * * * *  ALUMINUM ANTIMONY ARSENIC BARIUM BERYLLIUM CADMIUM CALCIUM CHROMIUM COBALT COPPER IRON LEAD MAGNESIUM	* * * * * * ANALYTICAL	* * * * * RESULTS	* * * * * *	40 0. 2. 15 20	MG/KG  MANGANES  15U MERCURY  3J NICKEL  0U POTASSIU  62U SILVER  50DIUM  1U THALLIUN  TIN  6 VANADIUN  0 ZINC	in I	* * * * * * * * * TS	

\*\*\*REMARKS\*\*\*

<sup>\*</sup>FOUTNUTES\*\*\*

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METALS DATA REPORT					
*** * * * * * * * *	* * * * * * * * * *	* * * * * <u>* * * *</u> *			* * * * * * * * * * * * * * * * * * *
	4-0604 SAMPLE NO.	88794 SAMPLE TYPE:	SOIL PROG		: F.M. CARNS **
** SOURCE: OLD CI	HERRY GROVE LF		CITY		T:_SC **
	06-SS		COLLE		145 STOP: 00/00/00 **
** CASE NUMBER: :	22582 SAS N	UMBER:	MD N	NUMBER: JAO7	**
**					**
*** * * * * * * *	* * * * * * * * * *	* * * * * * * * * *			* * * * * * * * * * * * * * * * * * * *
MG/KG	ANALYTICAL RES	ULTS	MG/KG	ANALYTICAL	RESULTS
6500 ALUMINUM			58	MANGANESE	
4.6UJ ANTIMONY			Q. <u>1</u> 8U	MERCURY	
O.96U ARSENIC			2.9J	NICKEL	
35 BARIUM			330	POTASSIUM	
0.20J BERYLLIU	VI .		20	SELENIUM	
0.85U CADMIUM			0.630	SILVER	
5800 CALCIUM			61	SODIUM	
6 CHROMIUM			2.10	<u>THALLIUM</u>	
O.88J COBALT			NA_	TIN	
6.1 COPPER			6.9	<u>VANADIUM</u>	
1200 IRON			26	ZINC	
17 LEAD			47	PERCENT MOISTURE	
590 MAGNESIU	М				

METALC DATA DEDONT

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*FOUTNOTES\*\*\*
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
\*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

10/07/94 METALS DATA REPORT

METALS DA	IIA KEPUKI							
** SOUR ** STAT	ECT NO. 94-060 RCE: OLD CHERRY ION ID: 007-SS	GROVE LF		* * * * * * * * * PLE TYPE: SOIL	CITY: COLLE	NIXON CROS CTION START: 08	* * * * * * * * * * * * * * * * * * *	** : 00/00/00
** CASE	NUMBER: 22582	SA!	S NUMBER:		MD N	UMBER: JAO8		**
** * * * * * * * * * * * * * * * * * *	ALUMINUM ANTIMONY ARSENIC BARIUM BERYLLIUM CADMIUM CALCIUM CHROMIUM COBALT COPPER IRON LEAD MAGNESIUM	* * * * * * * ANALYTICAL	* * * * * * RESULTS	* * * * * * * * *	* * * * * * * MG/KG 210 0.23U 6.1 110 2.6 0.84U 220 2.8U NA 14 180 60	MANGANESE MERCURY NICKEL POTASSIUM SELENIUM SILVER SODIUM THALLIUM TIN VANADIUM ZINC PERCENT MOISTU	* * * * * * * * * * * * * * * * * * *	** * * * * * * * * ***

\*\*\*REMARKS\*\*\*

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*FOUNDIES\*\*\*
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MAGNESIUM

\*\*\*REMARKS\*\*\*

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Region IV Environmental Services Division College Station Road, Athens, Ga. 30613

\*\*\*\*MEMORANDUM\*\*\*\*\*

DATE: 10/08/94

SUBJECT: Results of Specified Analysis;

94-0604 OLD CHERRY GROVE LF

NIXON CRCS SC CASE NO: 22582

FROM: Charles H. Hooper

Chief, Laboratory Evaluation/Quality Assurance Section

TO: JOHN CRISWELL

Attached are the results of analysis of samples collected as part of the subject project.

As a result of the Quality Assurance Review, certain data qualifiers may have been placed on the data. Attached is a DATA QUALIFIER REFORT which explains the reasons that these qualifiers were required.

If you have any questions please contact me.

ATTACHMENT

### INORGANIC DATA QUALIFIERS REPORT

Case Number: 22582
Project Number: 94-0604
Site: Old Cherry Grove LF, Nixon Crossing, SC

Element	Flag	Samples Affected	Reason
Al, Zn	Ü	All positives > IDL, but < CRDL	Baseline instability
Ca, Fe, Na	U	All positives > IDL, but < 10X contaminant level	Positives in blanks
Tl	JN	All positives with Al or Fe concentrations in solution > 160,000 ug/L	Suspected positive interference as noted in the contractor ICS
Pb	J	All with Al or Fe concentrations in solution > 60,000 ug/L	Suspected over correction as noted in the contractor ICS
Se	J	All with Al or Fe concentrations in solution > 120,000 ug/L	Suspected over correction as noted in the contractor ICS
Sb	J	All	Matrix spike recovery = 71.4%
Se	U	MDJA02, 03, 06, & 07	% RSD > 20% for ICP multiple exposures and results > IDL, but < CRDL
Ag	Ŭ	MDJA05	<pre>% RSD &gt; 20% for ICP multiple exposures and results &gt; IDL, but &lt; CRDL</pre>
Cd	U	MDJA06	% RSD > 20% for ICP multiple exposures and results > IDL, but < CRDL
Sb	ប	MDJA08	% RSD > 20% for ICP multiple exposures and results > IDL, but < CRDL
v	J	MDJA02	% RSD > 20% for ICP multiple exposures
K	J	MDJA04	% RSD > 20% for ICP multiple exposures
Ni	J	MDJA04, 05, 06, & 07	% RSD > 20% for ICP multiple exposures
Со	J	MDJA06 & 06	% RSD > 20% for ICP multiple exposures
A's	J	MDJA05 & 08	Only analysis of 2X CRDL standard required by SOW for ICP analysis
Be	J	MDJA05, 07, & 08	Only analysis of 2X CRDL standard required by SOW for ICP analysis

### INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 22582
Project Number: 94-0604
Site: Old Cherry Grove LF, Nixon Crossing, SC

Element	Flag	Samples Affected	Reason	
Cd	J	MDJA05	Only analysis of 2X CRD standard required by SOW fo	
			ICP analysis	

10/07/94

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SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0604 SAMPLE NO. 88789 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF STATION ID: 001-SS \*\*

PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS ST: SC
COLLECTION START: 08/24/94 1130 STOP: 00/00/00
D. NO.: JAO2 MD NO: JAO2 \*\* CASE.NO.: 22582 SAS NO.: \*\* \* \*

RESULTS UNITS PARAMETER 2.8U MG/KG CYANIDE

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

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SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0604 SAMPLE NO. 88790 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF STATION ID: 002-SS PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS ST: SC
COLLECTION START: 08/24/94 1157 STOP: 00/00/00
D. NO.: JAO3 MD NO: JAO3 \* \* \* \* CASE.NO.: 22582 SAS NO.:

\* \* \* \* 

> RESULTS UNITS PARAMETER 2.9U MG/KG CYANIDE

<sup>\*</sup>Ă-ĂVĚRĂĞE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

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SPECIFIED ANALYSIS DATA REPORT

PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS
COLLECTION START: 08/24/94 1207 STOP: 00/00/00
D. NO.: JAO4 MD NO: JAO4 PROJECT NO. 94-0604 SAMPLE NO. 88791 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF STATION ID: 003-SS \* \* \* \* \* \* \* \* \* \* \* \* CASE.NO.: 22582 SAS NO.: \* \* \* \* \* \*

RESULTS UNITS PARAMETER 3U MG/KG CYANIDE

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SPECIFIED ANALYSIS DATA REPORT 

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PROJECT NO. 94-0604 SAMPLE NO. 88792 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF STATION ID: 004-SS

PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS ST: SC
COLLECTION START: 08/24/94 1222 STOP: 00/00/00
D. NO.: JAO5 MD NO: JAO5

CASE . NO . : 22582 SAS NO.:

> RESULTS UNITS PARAMETER 3U MG/KG CYANIDE

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

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SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0604 SAMPLE NO. 88793 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF PROG ELEM: NSF COLLECTED BY: F.M. CARNS CITY: NIXON CROS ST: SC COLLECTION START: 08/24/94 1129 STOP: 00/00/00 \* \* \* \* \* \* \* \* CASE.NO.: 22582 D. NO.: JA06 MD NO: JAO6 \*\* SAS NO.: \* \* \* \* \* \*

RESULTS UNITS PARAMETER 4.6U MG/KG CYANIDE

\*\*\*FOOTNOTES\*\*\* \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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10/07/94

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SPECIFIED ANALYSIS DATA REPORT

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PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS ST: SC
COLLECTION START: 08/24/94 1145 STOP: 00/00/00
D. NO.: JAO7 MD NO: JAO7 PROJECT NO. 94-0604 SAMPLE NO. 88794 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF STATION ID: 006-SS CASE.NO.: 22582 SAS NO.:

\* \* \* \* 

> RESULTS UNITS PARAMETER 4.7U MG/KG CYANIDE

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

10/07/94

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SPECIFIED ANALYSIS DATA REPORT

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PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS ST: SC
COLLECTION START: 08/24/94 1155 STOP: 00/00/00
D. NO.: JAO8 MD NO: JAO8 PROJECT NO. 94-0604 SAMPLE NO. 88795 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF \* \* \* \*

STATION ID: 007-SS

\* \* CASE.NO.: 22582 SAS NO.: \* \* \* \* 

> RESULTS UNITS PARAMETER 6.2U MG/KG CYANIDE

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

10/07/94

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SPECIFIED ANALYSIS DATA REPORT

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PROJECT NO. 94-0604 SAMPLE NO. 88796 SAMPLE TYPE: SOIL SOURCE: OLD CHERRY GROVE LF \* \*

PROG ELEM: NSF COLLECTED BY: F.M. CARNS
CITY: NIXON CROS
COLLECTION START: 08/24/94 1130 STOP: 00/00/00 STATION ID: 008-SS CASE NO.: 22582 SAS NO.: D. NO.: JA09 MD NO: JAO9

\* \* \*\* \* \* \* \* 

> RESULTS UNITS PARAMETER 2.8U MG/KG CYANIDE

<sup>\*</sup>A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

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### SITE DISCOVERY FORM

## RECEIVED

NOV 7 1990

S. C. Dept. of Health & Environmental Control-Bureau of Solid & Hazardous Waste Management

ACTION: A	Maria management
EPA ID: 5 CD 9 87 597432 s	OURCE: (R=EPA, T=STATE)
SITE NAME: DID CHERRY 6201	LE_LANDFI
LL_CRE_LANDEILL	(40 chr. max.)
LOC. ADDRESS: NorthuESI_OF_	- NixoNS-C
ROSSROADS	
CITY NAME: CI++LE_PIVER	
(25 chr. max.) ZIP CODE:	
COUNTY: H O R R Y (	15 chr. max.)
COUNTY CODE: (optional) CONG DIST:	(optional)
LATITUDE: 33°/51'/52". Z LONGITUDE: _	78141106.6
SITE DESCRIPTION: UNPERMITTED	ODEN_Dum
P	
(160 chr. max.)	
DISTRICT NAME: $UACAMAW$ (10 chr.	max.)
SITE DISCOVERY DATE: 10/29/90	•
REPORTED BY: Von Keisler	
REASON FOR LISTING: Facility in operation before	solid weste regulations
Wester deposited in Lancifell is unknown and an	documented.
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